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REPORT 19M

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State,City and Institution

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Announced During

JANUARY, FEBRUARY, MARCH 1982

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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U01 RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
U10 COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

Symbols used to Identify the Supporting Institute or Division

AG National Institute on Aging
AI National Institute of Allergy and Infectious Diseases
AM National Institute of Arthritis, Diabetes and Digestive and Kidney Diseases
CA National Cancer Institute
- CB Division of Cancer Biology and Diagnosis
- CM Division of Cancer Treatment
- CN Division of Resources, Centers, and Community Activities
- CO Office of the Director, NCI
- CP Division of Cancer Cause and Prevention

CL Clinical Center
CT Division of Computer Research and Technology
DE National Institute of Dental Research
ES National Institute of Environmental Health Sciences
EY National Eye Institute
GM National Institute of General Medical Sciences
HD National Institute of Child Health and Human Development
HL National Heart, Lung, and Blood Institute
- HB Division of Blood Diseases and Resources
- HI Division of Intramural Research
- HO Office of the Director, NHLBI
- HR Division of Lung Diseases
- HV Division of Heart and Vascular Diseases

NS National Institute of Neurological and Communicative Disorders and Stroke
RG Division of Research Grants
RR Division of Research Resources
RS Division of Research Services
LM National Library of Medicine
OD Office of the Director, NIH
- DS Division of Safety

TW Fogarty International Center

GRANTS AND AWARDS ANNOUNCED DURING JANUARY, FEBRUARY AND MARCH, 1982

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRAR GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLA
AG	37	2,576,118	3	162,313	..	...	..	...	..	...	..	...	..	...
AI	63	4,120,225	..	...	4	820,602	..	...	8	148,764	..	...	..	...
AM	117	7,643,165	27	1,061,369	2	182,064	1	41,986	22	371,640	..	...	..	...
CA	126	9,108,828	4	157,675	..	...	..	...	34	587,248	..	...	..	...
CB	..	...	..	...	4	1,162,036	..	...	..	...	..	...	..	...
CM	..	...	..	...	6	881,069	..	...	..	...	..	...	..	...
CN	..	...	..	...	18	3,375,729	..	...	..	...	..	...	..	...
CP	..	...	..	...	2	339,454	..	...	..	...	..	...	..	..
DE	3	133,525	..	...	2	265,990	..	...	7	133,496	..	...	..	..
ES	14	808,898	..	...	4	1,549,384	..	...	6	97,956	..	...	..	..
EY	97	4,612,713	2	74,904	..	...	..	...	9	150,792	1	449,000	..	..
GM	105	7,730,523	..	...	..	...	..	...	25	398,956	..	...	..	..
HB	..	...	..	...	1	59,890	..	...	..	...	..	...	..	..
HD	114	7,148,059	6	262,278	4	361,330	..	...	12	216,163	..	...	..	..
HL	154	9,933,232	2	68,158	..	...	..	...	18	318,410	..	...	..	..
HO	..	...	..	...	1	151,118	..	...	..	...	..	...	..	..
LM	7	238,664	..	...	4	378,079	..	...	..	...	..	...	15	230,
NS	106	6,170,715	9	370,640	..	...	..	...	64	1,082,364	..	...	..	.
OD	..	...	..	...	1	19,739	..	...	..	...	..	...	..	.
RR	117	799,406	..	...	..	...	..	...	..	...	..	...	..	.
RS	..	...	..	...	1	224,644	..	...	..	...	..	...	..	.
TW	..	...	..	...	..	...	..	...	6	135,668	..	...	..	.
	1,060	61,024,071	53	2,157,337	54	9,771,128	1	41,986	211	3,641,457	1	449,000	15	230

*Includes direct cost only for NIH Research Grants; Cancer Control Grants

NOTE: Twenty-two cooperative agreements in the amount of $601,091 awarded by the National Institute of Arthritis, Diabetes Digestive and Kidney Diseases are not included in this summary.

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
SOUTHERN RESEARCH INSTITUTE			
1R01 CA30899-01A1	MONTGOMERY, JOHN A	INHIBITORS OF PNP AND HGPRT AS ANTICANCER AGENTS	69,01
INSTITUTION TOTAL	1	69,018	
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM			
1R01 HL28195-01	BAKER, JOHN R	PROTEOGLYCANS IN ATHEROSCLEROSIS	63,16
1R01 HL28545-01	BERECEK, KATHLEEN H	VASOPRESSIN IN PATHOGENESIS OF DOCA/SALT HYPERTENSION	37,32
1R01 AI18557-01	BRILES, DAVID E	PROTECTIVE EFFECTS OF ANTIPHOSPHOCHOLINE ANTIBODY	64,01
1R01 NS18350-01	KRUMDIECK, CARLOS L	THE FOLATE COENZYMES OF THE NERVOUS SYSTEM	59,17
1R01 AM30481-01	MAYNE, RICHARD	NEW COLLAGENS OF CHICK HYALINE CARTILAGE	47,18
1R01 AM28537-01A1	MESTECKY, JIRI	HEPATO-BILIARY TRANSPORT OF IGA IMMUNE COMPLEXES	69,84
1S03 RR03233-01	PRUITT, KENNETH M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,00
1S03 RR03236-01	PRUITT, KENNETH M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,00
1S03 RR03235-01	WRIGHT, WILSON, JR	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,00
INSTITUTION TOTAL	9	349,707	
CITY TOTAL	10	418,725	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
1R23 HL28711-01	OLSON, RICHARD D	PROSTAGLANDINS: MODULATORS OF DRUG-INDUCED VASOACTIVITY	33,9
1R23 ES03066-01	WILSON, GLENN L	N-NITROSO COMPOUNDS IN INSULIN-DEPENDENT DIABETES	34,4
INSTITUTION TOTAL	2	68,430	
CITY TOTAL	2	68,430	
TALLADEGA			
TALLADEGA COLLEGE			
1S03 RR03247-01	BACON, ARTHUR L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
UNIVERSITY			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN UNIVERSITY			
1S03 RR03251-01	NORTHRUP, ROBERT S	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	14	493,155	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA				
PHOENIX				
ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER				
1S07 RR05872-01	POLLEN, DANIEL A		BIOMEDICAL RESEARCH SUPPORT GRANT	23,602
INSTITUTION TOTAL	1	23,602		
CITY TOTAL	1	23,602		
TEMPE				
ARIZONA STATE UNIVERSITY				
1R01 HL25924-01A2	GUILBEAU, ERIC J		REPERFUSION OF GLUCOSE DURING MYOCARDIAL ISCHEMIA	61,132
1S03 RR03320-01	WOOLF, CHARLES M		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	64,132		
CITY TOTAL	2	64,132		
TUCSON				
UNIVERSITY OF ARIZONA				
1R01 GM30249-01	DUFFY, JOHN J		REGULATION OF RNA POLYMERASE II SYNTHESIS	63,41
1R01 GM30017-01	FORSTER, LESLIE S		PROTEIN FLUCTUATIONS AND FLUORESCENCE QUENCHING	22,07
INSTITUTION TOTAL	2	85,480		
CITY TOTAL	2	85,480		
STATE TOTAL	5	173,214		
ARKANSAS				
FAYETTEVILLE				
UNIVERSITY OF ARKANSAS AT FAYETTEVILLE				
1R03 EY04247-01	CHARLTON, J SHERWOOD		ASSESSMENT OF PHARMACOLOGICAL AGENTS ON CONES	15,00
1S03 RR03297-01	MEYER, WALTER L		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,00
INSTITUTION TOTAL	2	18,000		
CITY TOTAL	2	18,000		
LITTLE ROCK				
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK				
1S03 RR03330-01	BOWLING, ROBERT E		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,0
1R01 AM30415-01	RAYFORD, PHILLIP L		ENDOCRINOLOGIC STUDIES OF THE GASTROINTESTINAL TRACT	98,8
1R23 HL28174-01	WILSON, FRANK J, JR		RESPIRATORY TRACT DEPOSITION OF SMALL AEROSOLS	36,3
INSTITUTION TOTAL	3	138,194		
CITY TOTAL	3	138,194		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	5	156,194	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1R23 AM30841-01	AMY, NANCY K	BIOLOGICAL UTILIZATION OF MOLYBDENUM	36,187
1R01 GM30141-01	BARTLETT, PAUL A	SYNTHESIS OF POLYETHER NATURAL PRODUCTS	96,057
1R01 HL28927-01	BERGER, STANLEY A	FLOW AND TRANSPORT IN CAPILLARIES IN SICKLE CELL DISEASE	43,069
1S03 RR03259-01	ENOCH, JAY M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 ES02756-01	ESPOSITO, MICHAEL S	GENETIC EFFECTS OF CARCINOGENS IN MITOSIS AND MEIOSIS	85,044
1R01 EY03676-01A1	JOSE, JULE G	AGING AND RADIATION EFFECTS ON OCULAR METABOLISM	57,024
1S03 RR03292-01	LASHOF, JOYCE C	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1S03 RR03288-01	LEWIS, EDWIN R	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AG03164-01	MEREDITH, WILLIAM M	INTELLECTUAL DEVELOPMENT: GROUP AND INDIVIDUAL PATTERNS	53,965
INSTITUTION TOTAL	9	380,346	
CITY TOTAL	9	380,346	
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1R01 HD15959-01	ANDERSON, GARY B	MATERNAL CONTRIBUTION TO EMBRYONIC SURVIVAL IN MICE	47,052
1R01 HD15256-01A1	HEDRICK, JERRY L	PROTEOLYTIC ACTION OF ACROSIN ON GLYCOPROTEIN SUBSTRATES	50,779
1R01 EY03796-01A1	SCOBEY, ROBERT P	VISUAL MOTION DISPLACEMENT THRESHOLDS	49,162
1R01 GM29985-01	TRUE, NANCY S	ROTATIONAL POTENTIAL FUNCTIONS OF AMIDES	27,530
1S03 RR03244-01	WILLIAMS, HIBBARD E	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 EY04112-01	WILSON, MARTIN C	RECEPTOR-BIPOLAR CELL CONNECTIONS IN THE RETINA	45,133
INSTITUTION TOTAL	6	222,656	
CITY TOTAL	6	222,656	
DUARTE			
CITY OF HOPE NATIONAL MEDICAL CENTER			
1R01 GM30134-01	ROSSI, JOHN J	SYNTHETIC DNA IN STUDIES OF EUKARYOTIC GENE EXPRESSION	70,000
INSTITUTION TOTAL	1	70,000	
CITY TOTAL	1	70,000	
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1R01 NS18427-01	BAUDRY, MICHEL	PYRUVATE DEHYDROGENASE AND NEUROPATHOLOGY	34,309
1R01 HD16440-01	BODE, HANS R	LIBRARY OF MONOCLONAL ANTIBODIES TO HYDRA CELL SURFACES	43,446

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
IRVINE				
UNIVERSITY OF CALIFORNIA AT IRVINE				
1R01 GM30073-01	CHAMBERLIN, A RICHARD		SYNTHESIS OF ALKALOIDS BY POLYENE CYCLIZATION	44,832
1R01 CA31279-01	HAIGLER, HARRY T		EPIDERMAL GROWTH FACTOR: INTERACTIONS WITH CELL RECEPTOR	89,554
1R01 HL27894-01	JEVNING, RON		MECHANISM OF BEHAVIORAL CHANGE OF RED CELL METABOLISM	93,230
1R01 NS17596-01A1	KITZES, LEONARD M		BRAINSTEM BINAURAL INTERACTIONS: FUNCTION AND STRUCTURE	67,134
1R01 HL28619-01	LONGMUIR, KENNETH J		REGULATION OF LUNG SURFACTANT STRUCTURE AND FUNCTION	54,350
1R01 AI18873-01	MANNING, JERRY E		TRYPANOSOMA CRUZI: ISOLATION OF SURFACE ANTIGEN GENES	76,037
1R01 HD16519-01	MARSH, J LAWRENCE		MOLECULAR MECHANISMS OF SEX DETERMINATION	69,733
1R01 NS17558-01A1	POO, MU-MING		PLASTICITY IN THE NEURONAL MEMBRANE	107,570
1R01 AI18472-01	POSTLE, KATHLEEN		TONB: FOCAL PROTEIN FOR E COLI IRON TRANSPORT	50,679
INSTITUTION TOTAL	11	730,874		
CITY TOTAL	11	730,874		
LA JOLLA				
LA JOLLA CANCER RESEARCH FOUNDATION				
1R01 CA31378-01	FISHMAN, WILLIAM H		IMMUNOCHEMICAL STUDIES OF PLACENTAL ALKALINE PHOSPHATASE	43,623
INSTITUTION TOTAL	1	43,623		
SALK INSTITUTE FOR BIOLOGICAL STUDIES				
1S03 RR03298-01	ASANBORN, JANET E		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 NS18023-01	FOOTE, STEPHEN L		NEURAL ORIGINS OF EVENT-RELATED POTENTIALS IN MONKEYS	82,992
1R01 CA31667-01	ROTHENBERG, ELLEN		RNAS OF LYMPHOMA AND T CELL DIFFERENTIATION ANTIGENS	66,139
INSTITUTION TOTAL	3	152,131		
SCRIPPS CLINIC AND RESEARCH FOUNDATION				
1R01 CA32043-01	CALLAHAN, GERALD N		T-CELL RECOGNITION OF MUTANT AND TUMOR CELL MHC ANTIGENS	39,397
1R01 CA31497-01	CARSON, DENNIS A		METABOLIC DIVERSITY IN HUMAN CANCER:	77,923
1R01 HL28235-01	GINSBERG, MARK H		PLASMA FIBRONECTIN IN PLATELET HEMOSTATIC FUNCTION	55,938
1R01 AI18509-01	SUTCLIFFE, J GREGOR		MECHANISM OF BACTERIAL RESISTANCE TO TETRACYCLINE	68,123
INSTITUTION TOTAL	4	241,381		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1R23 AG03156-01	BOSS, GERARD R		AGE-DEPENDENCY OF LYMPHOCYTE NUCLEOTIDASE ACTIVITY	36,000
1R01 GM30693-01	FIRTEL, RICHARD A		ANALYSIS OF DEVELOPMENTALLY REGULATED GENES	81,396
1R01 AM30250-01	MAYER, STEVEN E		CONTROL OF GLYCOGEN METABOLISM IN ADIPOSE TISSUE	94,529
1R01 HL28305-01	MAZZONE, ROBERT W		PULMONARY CAPILLARY MORPHOLOGY DURING HYPOXIA OR EDEMA	61,898
1R01 CA32333-01	UTLEY, JOELLA F		BIOLOGICAL ANALYSIS OF SULFHYDRYL RADIOPROTECTIVE DRUGS	108,875
INSTITUTION TOTAL	5	382,698		
CITY TOTAL	13	819,833		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOMA LINDA			
LOMA LINDA UNIVERSITY			
1R23 EY04529-01	STEIN, PAUL C	OCULAR ANTIGENS IN UVEITIS	37,447
INSTITUTION TOTAL	1	37,447	
CITY TOTAL	1	37,447	
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
1R01 AM28402-01A1	KATZ, JOSEPH	GLUCOSE AND LIPID METABOLISM IN AVIAN LIVER	53,726
INSTITUTION TOTAL	1	53,726	
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 CA31574-01	BENEDICT, WILLIAM F	ASCORBIC ACID TRANSFORMATION AND ONCOGENIC PROGRESSION	114,014
1R03 EY04304-01	ERINOFF, LYNDA	TRANSMITTER DEPLETION--EFFECTS ON GANGLION CELL RESPONSE	15,000
1R23 CA31230-01	GOMER, CHARLES J	HEMATOPORPHYRIN DISTRIBUTION AND PHOTOSENSITIZATION	32,500
1R01 CA29397-01A1	JONES, PETER A	BASEMENT MEMBRANE DEGRADATION BY TUMOR CELLS	81,239
INSTITUTION TOTAL	4	242,753	
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY-UNIV OF SO CALIFORNIA MED CTR			
1R01 HL28255-01	EFFROS, RICHARD M	CO2 EXCHANGE IN VASCULAR BEDS	64,290
1R23 AG03172-01	RYHANEN, LASSE J	AGING OF THE HUMAN SKIN: THE ROLE OF COLLAGEN	33,898
INSTITUTION TOTAL	2	98,188	
U.S. VETERANS ADMINISTRATION WADSWORTH MEDICAL CENTER			
1R01 AM30110-01	TACHE, YVETTE F	NEUROPEPTIDES AND BRAIN CONTROL OF GASTRIC SECRETION	89,000
INSTITUTION TOTAL	1	89,000	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R23 HL28589-01	BERS, DONALD M	ION SELECTIVE MICROELECTRODES AND CARDIAC CONTRACTILITY	36,376
1R23 AM30296-01	CHAMPLIN, RICHARD E	FETAL LIVER TRANSPLANTATION	36,188
1R01 EY03931-01	CLARK, VIRGINIA M	RETINAL DEGENERATION: STUDY OF PE CELL SURFACE PROTEINS	45,314
1R01 HL27796-01A1	CONOLLY, MATTHEW E	BETA-ADRENERGIC FUNCTION IN HEALTH AND ASTHMA	89,257
1R01 HL27711-01A1	ELOVSON, JOHN	MOLECULAR AND METABOLIC HETEROGENEITY OF APOLIPOPROTEIN	102,514
1R13 NS17921-01	ESCUETA, A V	BASIC MECHANISMS OF THE EPILEPSIES: CONFERENCE PROPOSAL	45,000
1R01 AM30988-01	HOMSHER, EARL E	MUSCLE ENERGETICS AND CHEMOMECHANICAL TRANSDUCTION	129,305
1S03 RR03232-01	JANIS, JUEL M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AM30312-01	KAPLOWITZ, NEIL	THE PHYSIOLOGY OF GLUTATHIONE EFFLUX FROM THE LIVER	61,247
1R01 NS18163-01	LADEFOGED, PETER N	THE LINGUISTIC USE OF DIFFERENT PHONATION TYPES	90,069

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1R01 HL28539-01	LANGER, GLENN A		MYOCARDIAL IONIC EXCHANGE AND COMPARTMENTATION	151,386
1R01 AM30528-01	MARKOLF, KEITH L		LIGAMENTOUS KNEE STABILITY-COMBINED CLINICAL LOADINGS	80,937
1R01 AM30444-01	SOLL, ANDREW H		CHARACTERIZE FUNDIC MUCOUS CELLS IN VITRO	100,507
1R01 CA31612-01	WITHERS, H RODNEY		LATE EFFECTS OF RADIOTHERAPY: BIOLOGY AND QUANTITATION	221,861
1R01 EY03707-01A1	YEE, ROBERT D		SEPARATION OF PURSUIT AND OPTOKINETIC SUBSYSTEMS	72,469
INSTITUTION TOTAL	15	1,265,430		
UNIVERSITY OF SOUTHERN CALIFORNIA				
1R23 HD16306-01	BERGER, PATRICIA J		IN VITRO FERTILITY ASSESSMENT OF HUMAN SPERM	26,928
1R01 HD16191-01	BESSMAN, SAMUEL P		PERINATAL LUNG PHOSPHOLIPIDS IN DIABETIC RAT OFFSPRING	29,853
1R01 CA31693-01	CHAN, KENNETH K		PHARMACOKINETIC STUDIES OF CYCLOPHOSPHAMIDE DISPOSITION	55,599
1S03 RR03256-01	DAVIS, JOHN		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 GM28673-01A1	FARLEY, ROBERT A		THE STRUCTURE OF (NA-K) ATPASE	54,476
1R01 AI19036-01	GALAS, DAVID J		MOLECULAR MECHANISM OF DNA TRANSPOSITION	90,559
1R01 CA31619-01	GARDNER, MURRAY B		GENETIC CONTROL OF ECOTROPIC RETROVIRUS IN WILD MICE	57,600
1R01 CA32197-01	HENDERSON, BRIAN E		ESTROGENS AND VITAMIN A ROLE IN DISEASE PREVENTION	92,091
1R01 HD15325-01A1	JOHNSON, LINCOLN V		CELL SURFACE ANTIGENS IN EARLY MAMMALIAN DEVELOPMENT	72,140
1R01 EY03816-01	LEE, VINCENT H		EVALUATION OF ESTERASE ACTIVITY AND PRODRUGS IN THE EYE	42,944
1R01 EY03670-01A1	LEE, VINCENT H L		MUCINS AND STABILITY OF THE TEAR FILM IN ANIMAL EYES	50,643
1R01 CA31151-01	LEVINE, ALEXANDRA		ASSESSMENT & ENHANCEMENT OF COMPLIANCE WITH CHEMOTHERAPY	97,872
1R01 AG02577-01A1	NIMNI, MARCEL E		OSTEOGENESIS: DEVELOPMENT, MODULATION, AND AGING	56,750
1R01 AM30801-01	REED, CHRISTOPHER A		SYNTHETIC MODELS FOR HEMOCYANIN	46,921
1R01 GM30114-01	SEGAL, GERALD A		CIRCULAR DICHROISM SPECTRA IN THE VACUUM ULTRAVIOLET	37,360
1P01 NS18146-01	WEINER, LESLIE P		DEMYELINATING DISEASE: VIRAL AND IMMUNE FUNCTION	225,000
INSTITUTION TOTAL	16	1,039,736		
CITY TOTAL	39	2,788,833		
MENLO PARK				
SRI INTERNATIONAL				
1S03 RR03248-01	REIST, ELMER J		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 HL28795-01	WARD, MARCIA M		CATECHOLAMINES & COPING IN NORMOTENSIVES & HYPERTENSIVES	36,352
INSTITUTION TOTAL	2	39,352		
CITY TOTAL	2	39,352		
OAKLAND				
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE				
1R01 AM30904-01	FRIEDMAN, GARY D		WHY IS THE DEATH RATE RELATIVELY HIGH IN THIN PEOPLE	127,023

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
OAKLAND			
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1R01 HL27433-01	FRIEDMAN, GARY D	ORAL ANTICOAGULANTS & RISK OF RECURRENT THROMBOEMBOLISM	53,229
INSTITUTION TOTAL	2	180,252	
CITY TOTAL	2	180,252	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1R01 CA31718-01	CASTLEMAN, KENNETH R	AUTOMATED CYTOLOGY PROTOTYPE DEVELOPMENT	230,415
1R01 CA29909-01A1	DREYER, WILLIAM J	MOLECULAR CHARACTERIZATION OF HUMAN TUMOR MARKERS	47,770
1R01 GM30335-01	IRELAND, ROBERT E	3-ACYLTETRAMIC ACID ANTIBIOTIC SYNTHESIS	51,000
1R01 HL28021-01	WOLD, BARBARA J	MOLECULAR BIOLOGY OF FAMILIAL HYPERCHOLESTEROLEMIA	63,717
INSTITUTION TOTAL	4	392,902	
CITY TOTAL	4	392,902	
RIVERSIDE			
UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
1R01 HD16274-01	TALBOT, PRUDENCE	THE ROLE OF PROTEINASES IN MAMMALIAN OVULATION	37,96
INSTITUTION TOTAL	1	37,966	
CITY TOTAL	1	37,966	
SAN FRANCISCO			
INSTITUTES OF MEDICAL SCIENCES			
1R01 EY03926-01	BROWN, BRIAN	CHARACTERIZATION OF PERFORMANCE DEFICITS IN LOW VISION	45,89
1R01 EY03976-01	MC KEE, SUZANNE P	SENSORY COMPENSATION FOR MOTION BLUR	42,28
INSTITUTION TOTAL	2	88,177	
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1R23 HL27319-01A1	BAKER, DAVID G	CONTROL OF AIRWAY SMOOTH MUSCLE AND MUCOUS GLANDS	34,3
1R03 EY04335-01	BALE, JAMES F	CYTOMEGALOVIRUS INFECTION OF OCULAR STRUCTURES IN MICE	11,5
1R01 EY03675-01A1	CHAR, DEVRON H	EYE TUMORS: HYBRIDOMA STUDIES	62,6
1R01 CA29048-01A1	COFFINO, PHILIP	ORNITHINE DECARBOXYLASE DEFICIENT ANIMAL CELL MUTANTS	64,8
1R01 AM30868-01	COOKE, ROGER	STUDIES OF MUSCLE CROSSBRIDGES USING PARAMAGNETIC PROBES	119,4
1R01 CA31867-01	DEEN, DENNIS F	NITROSOUREA-RADIATION INTERACTIONS IN 9L MONOLAYER CELLS	86,3
1R01 CA31868-01	DEEN, DENNIS F	FRACTIONATED THERAPIES IN VITRO	65,6
1P01 AG03104-01	EGER, EDMOND I	PROGRAM PROJECT - AGING AND ANESTHESIA	387,9
1R01 CA29744-01A1	FU, KAREN K	CHEMICAL MODIFICATION OF LOW DOSE RATE IRRADIATION	95,0

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1S03 RR03278-01	GORTNER, SUSAN R	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	1,500
1R01 HL28054-01	GOULD, ROBERT G	A DIGITAL FLUOROSCOPIC SYSTEM USING TWO VIDEO PROCESSORS	39,509
1R23 CA31530-01	GRABEL, LAURA B	INTERCELLULAR ADHESION OF TERATOCARCINOMA STEM CELLS	33,498
1R01 AM26344-01A2	HARGENS, ALAN R	PATHOPHYSIOLOGY OF THE COMPARTMENT SYNDROME	71,720
1R01 EY03799-01A1	IRVINE, ALEXANDER R	A PRIMATE MODEL FOR ISCHEMIC-PROLIFERATIVE RETINOPATHY	40,999
1R01 GM29072-01A1	KOLLMAN, PETER A	MODELING PROTEIN - SMALL MOLECULE INTERACTIONS	50,470
1R01 GM30637-01	KORNBERG, THOMAS B	MOLECULAR MECHANISMS IN DEVELOPMENT	85,909
1R01 HL29054-01	LAI-FOOK, STEPHEN J	PULMONARY INTERSTITIAL FLUID PRESSURE	50,945
1R01 CA31397-01	LI, GLORIA C	FRACTIONATED HYPERTHERMIA AND HEAT SHOCK PROTEINS	141,950
1R23 HD16512-01	MAGNUSON, TERRY R	OLIGOSYNDACTYLY A MUTATION AFFECTING DEVELOPMENT	34,080
1R01 HD16047-01	MILLER, WALTER L	MOLECULAR BASES OF CONGENITAL ADRENAL HYPERPLASIAS	119,246
1R01 AM30297-01	ORTIZ DE MONTELLANO, PAUL R	HEMOLYTIC ANEMIA AND ABNORMAL HEME CATABOLITES	50,171
1R01 EY03980-01	POLANSKY, JON R	ADRENERGIC & CHOLINERGIC MECHANISMS IN GLAUCOMA THERAPY	98,349
1R01 HD16262-01	ROBERTS, JAMES M	HORMONAL CONTROL OF UTERINE ADRENOTROPIC RECEPTORS	73,834
1R01 HL26167-01A2	SEVERINGHAUS, JOHN W	MICROCIRCULATORY STUDIES OF ISCHEMIC BRAIN PROTECTION	70,520
1R01 EY03950-01	SMOLIN, GILBERT	TREATMENT OF HERPETIC KERATITIS WITH INTERFERON	94,532
1R01 GM30163-01	SZOKA, FRANCIS C	CONTROLLED DISPOSITION OF LIPOSOMES	92,960
1R01 NS18029-01	TANAGHO, EMIL A	BLADDER EVACUATION BY DIRECT SACRAL ROOT STIMULATION	99,269
1R01 NS17956-01	TREVOR, ANTHONY J	NEUROPHARMACOLOGY OF KETAMINE AND ITS METABOLITES	100,348
1R01 NS17657-01A1	YINGLING, CHARLES D	AN INDEPENDENT EVALUATION OF NEUROMETRICS, INC	100,003
INSTITUTION TOTAL	29	2,377,689	
CITY TOTAL	31	2,465,866	
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
1R01 CA31865-01	PROFIO, A EDWARD	DOSIMETRY FOR PHOTORADIATION THERAPY	57,541
1R01 HD16378-01	SMITH, TERENCE R	A MULTILEVEL ANALYSIS OF U.S. MIGRATION FLOWS	89,009
INSTITUTION TOTAL	2	146,550	
CITY TOTAL	2	146,550	
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
1R01 EY04137-01	BRIDGEMAN, BRUCE	PERCEPTUAL AND MOTOR SPACE CONSTANCY	60,076
1R01 EY04033-01	SCHLEICH, THOMAS W	NON-INVASIVE STUDIES OF SUGAR CATARACTOGENESIS	76,120
INSTITUTION TOTAL	2	136,196	
CITY TOTAL	2	136,196	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SANTA MONICA			
RAND CORPORATION			
1R01 CA31432-01	MORRISON, PAUL F	MODELS OF METHOTREXATE RESISTANCE BY GENE AMPLIFICATION	58,932
INSTITUTION TOTAL	1	58,932	
CITY TOTAL	1	58,932	
STANFORD			
STANFORD UNIVERSITY			
1R01 CA31928-01	BERG, PAUL	TRANSDUCTION OF GENETIC INFORMATION RELATED TO CANCER	99,247
1R01 GM30179-01	SCHULMAN, HOWARD	CALCIUM AND CALMODULIN-DEPENDENT PROTEIN KINASES	72,487
1R01 NS18235-01	STEINMAN, LAWRENCE	IN VIVO TREATMENT OF EAE WITH ANTI-IA ANTIBODIES	45,778
1R01 AM30029-01	STROBER, SAMUEL	USE OF TLI IN RENAL TRANSPLANTATION	110,049
1S03 RR03266-01	WESSELLS, NORMAN K	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	5	330,561	
CITY TOTAL	5	330,561	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R01 AM30523-01	LECHAGO, JUAN	FUNCTIONAL NEURAL & ENDOCRINE ANATOMY OF GASTRIC MUCOSA	96,968
1R01 HD14638-01A1	ZAMBONI, LUCIANO	GONADAL DEVELOPMENT IN PRIMATES. A MORPHOLOGIC STUDY	110,101
INSTITUTION TOTAL	2	207,069	
CITY TOTAL	2	207,069	
STATE TOTAL	132	9,045,635	
COLORADO			
BOULDER			
INSTITUTE FOR RESEARCH ON SOCIAL PROBLEMS			
1R01 HD16218-01	KATZ, PHYLLIS A	CONCOMITANTS OF GENDER-ROLE ORIENTATION	64,378
INSTITUTION TOTAL	1	64,378	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1S03 RR03289-01	APPELT, GLENN D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 GM30213-01	MC INTOSH, J RICHARD	FUNCTIONS OF MITOTIC SPINDLE PROTEINS	67,571
INSTITUTION TOTAL	2	70,571	
CITY TOTAL	3	134,949	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO				
DENVER				
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER				
1R01 AM30434-01	CARR, RONALD I		ORAL TOLERANCE: A FACTOR IN CASEIN INDUCED AMYLOIDOSIS?	37,886
1R23 CA31732-01	COOK, JAMES L		TUMOR CELL RESISTANCE TO DESTRUCTION BY EFFECTOR CELLS	36,910
1R23 HL28025-01	IRVIN, CHARLES G		NON-ADRENERGIC INHIBIITION OF AIRWAYS SMOOTH MUSCLE	35,308
1R01 AI18487-01	KIRKPATRICK, CHARLES H		MURINE TRANSFER FACTOR	45,275
INSTITUTION TOTAL	4	155,379		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER				
1R01 AM30448-01	ANDERSON, ROBERT J		HORMONAL EFFECTS ON THE COLLECTING DUCT	46,686
1R01 HD14985-01A1	CHASE, PETER H		PSYCHOSOCIAL COUNSELING FAMILIES OF DIABETIC CHILDREN	99,159
1S03 RR03276-01	CORDOVA, BENJAMIN L		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AM30366-01	LEVINE, JOEL S		ROLE OF TRANSPORT PROTEINS IN VITAMIN B12 ABSORPTION	82,255
1R23 AM29981-01A1	MARSHALL, STEPHEN		RECYCLING OF INSULIN RECEPTORS AND POST-RECEPTOR DEFECTS	35,137
1R01 HL28182-01	REPINE, JOHN E		NEUTROPHIL AND O2 RADICAL MEDIATED ENDOTHELIAL INJURY	81,623
1R01 HD15951-01	SULLIVAN, JOSEPH W		DEVELOPMENTAL ASPECTS OF INFANT AUDITORY LOCALIZATION	37,976
1R01 AM30836-01	TALMAGE, DAVID W		ACCEPTANCE AND REJECTION OF CULTURED ALLOGRAFTS	58,758
INSTITUTION TOTAL	8	444,594		
UNIVERSITY OF DENVER				
1S03 RR03329-01	CLAYTON, DANIEL M		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HD16142-01	FURMAN, WYNDOL C		QUALITATIVE FEATURES OF SIBLING RELATIONSHIPS	47,713
INSTITUTION TOTAL	2	50,713		
CITY TOTAL	14	650,686		
FORT COLLINS				
COLORADO STATE UNIVERSITY				
1R01 AI18957-01	WILLIAMS, ROBERT M		BICYCLOMYCIN SYNTHESIS AND ANTIBIOTIC BIO-MECHANISM	37,920
INSTITUTION TOTAL	1	37,920		
CITY TOTAL	1	37,920		
STATE TOTAL	18	823,555		
CONNECTICUT				
FARMINGTON				
UNIVERSITY OF CONNECTICUT HEALTH CENTER				
1R01 HD17061-01	BARTON, RANDALL W		LYMPHOID DEVELOPMENT, ENZYME EFFECTS & IMMUNODEFICIENCY	43,217
1R01 GM30209-01	BERLIN, RICHARD D		SURFACE FUNCTIONS DURING MITOSIS	95,860

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1R01 EY04131-01	KREUTZER, DONALD L	IMMUNOLOGIC ASPECTS OF OCULAR INJURY	56,523
1R23 NS18391-01	OLIVER, DOUGLAS L	SYNAPTIC ORGANIZATION OF AUDITORY SYSTEM: COLLICULUS	34,452
1R01 CA32807-01	SPITANAGLE, LARRY A	DEVELOPMENT OF TUMOR AND ORGAN IMAGING AGENTS	40,392
INSTITUTION TOTAL	5	270,444	
CITY TOTAL	5	270,444	
NEW HAVEN			
HASKINS LABORATORIES			
1R01 HD16591-01	FOWLER, CAROL A	PERCEPTUAL BASES FOR STRESS-TIMING IN ENGLISH	70,774
1R01 NS18010-01	HANSON, VICKI L	ACQUISTION OF LITERACY BY DEAF CHILDREN AND ADULTS	42,123
INSTITUTION TOTAL	2	112,897	
JOHN B. PIERCE FOUNDATION OF CONNECTICUT			
1R01 HL28274-01	DOUGLAS, JAMES S	AIRWAY PHARMACOLOGY DURING ONTOGENESIS	88,121
1S03 RR03277-01	STOLWIJK, JAN A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	91,121	
YALE UNIVERSITY			
1R01 AI18502-01	BLACK, FRANCIS L	EFFECT OF LOW MEASLES ANTIBODY TITER ON INFANT IMMUNITY	53,508
1R01 NS18400-01	BORON, WALTER F	INTRACELLULAR PH REGULATION IN AXONS	54,169
1R01 AM30344-01	BORON, WALTER F	OPTICAL MEASUREMENT OF INTRACELLULAR PH IN RENAL TUBULES	120,469
1R03 EY04328-01	COCA-PRADOS, MIGUEL	AQUEOUS HUMOR/CILIARY PROCESS EPITHELIAL CELLS	15,000
1R01 CA30433-01	EVANS, ALFRED S	EPIDEMIOLOGICAL STUDIES OF EBV IN HODGKIN'S DISEASE	64,850
1R01 EY03955-01	GOLD, GEOFFREY H	ROLE OF CALCIUM IN VISUAL TRANSDUCTION AND ADAPTATION	76,929
1R01 AM28440-01A1	GREENGARD, PAUL	NEUROBIOLOGICAL CONSEQUENCES OF RENAL FAILURE	90,732
1R01 AI18582-01	HELENIUS, ARI H	ENDOCYTOSIS AND MEMBRANE FUSION	101,390
1R01 AI18599-01	HELENIUS, ARI H	CELL BIOLOGY OF VIRUS ENTRY	33,600
1R01 NS18381-01	HERRUP, KARL	CEREBELLAR PURKINJE CELL DEVELOPMENT: A NUMERICAL STUDY	66,516
1R01 NS18054-01	KLEINHAUS, ANNA L	CONVULSANT DRUGS AND SYNAPTIC PROCESSES IN LEECH	34,560
1R01 HL28373-01	MADRI, JOSEPH A	THE PATHOLOGY OF ENDOTHELIAL NEOVASCULARIZATION	82,538
1R01 AM30361-01	PANJABI, MANOHAR M	SURGICAL STABILIZATION OF CERVICAL SPINE INJURIES	59,434
1R23 HL27329-01A1	PITT, BRUCE R	COMPARISON OF HORMONE CLEARANCE BY LUNG AND BRAIN	36,160
1S03 RR03242-01	ROSS, ARTHUR M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1S03 RR03316-01	SHOPE, ROBERT E	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1P01 GM30287-01	SHULMAN, ROBERT G	IN VIVO NMR STUDIES OF BRAIN, LIVER AND TUMORS	637,778
1R01 AM29911-01	TANAKA, KAY	STUDY OF AMINO ACID METABOLISM USING STABLE ISOTOPES	190,445
INSTITUTION TOTAL	18	1,724,078	
CITY TOTAL	22	1,928,096	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
STORRS			
UNIVERSITY OF CONNECTICUT STORRS			
1R23 CA31314-01	CRAIN, RICHARD C	COMPOSITION AND FUNCTION OF HEPATOMA CELL MEMBRANES	37,000
1S03 RR03311-01	NIEFORTH, KARL A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	40,000	
CITY TOTAL	2	40,000	
STATE TOTAL	29	2,238,540	
DELAWARE			
DOVER			
DELAWARE STATE COLLEGE			
1S03 RR03280-01	WILLIAMS, HARRIET R	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
NEWARK			
UNIVERSITY OF DELAWARE			
1R01 HD15932-01	ACKERMAN, BRIAN P	COMPREHENSION FAILURE IN CHILDREN	9,658
1R01 HD15964-01	GOLINKOFF, ROBERTA M	A NEW APPROACH TO LANGUAGE COMPREHENSION	48,124
1S03 RR03313-01	STETSON, MILTON H	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	3	60,782	
CITY TOTAL	3	60,782	
STATE TOTAL	4	63,782	
DIST OF COL			
WASHINGTON			
AMERICAN REGISTRY OF PATHOLOGY			
1R01 EY04482-01	ZIMMERMAN, LORENZ E	IMPROVED DIAGNOSIS AND THERAPY IN OPHTHALMOLOGY	69,740
INSTITUTION TOTAL	1	69,740	
AMERICAN SOCIETY FOR MICROBIOLOGY			
1R13 AI18733-01	HOUSEWRIGHT, RILEY D	INTERNATIONAL CONFERENCE ON STREPTOCOCCAL GENETICS	5,000
INSTITUTION TOTAL	1	5,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
ASSOCIATION OF AMERICAN MEDICAL COLLEGES			
1R13 AG03408-01	SHERMAN, JOHN F	REGIONAL INSTITUTE ON GERIATRICS AND MEDICAL EDUCATION	24,326
INSTITUTION TOTAL	1	24,326	
CATHOLIC UNIVERSITY OF AMERICA			
1S03 RR03273-01	SCHWARTZ, ROBERT N	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER			
1S03 RR03300-01	ROSENQUIST, GLENN C	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
GEORGE WASHINGTON UNIVERSITY			
1R01 ES02769-01	ANDERSON, REBECCA J	CAN MEMBRANE EXCITABILITY CHANGES PREDICT NEUROTOXICITY	52,531
1S03 RR03319-01	CARESS, EDWARD A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 GM29999-01	HALPERIN, MAX	GROWTH CURVE ESTIMATION WITH PROGRESSIVE CENSORING	38,450
1R01 AI17710-01	LOW, TERESA L K	NEW APPROACHES TO BIOCHEMICAL STUDIES OF THYMOSIN	52,225
1R23 CA33573-01	MERRITT, WILLIAM D	ANTI-GLYCOLIPID MONOCLONAL ANTIBODIES: CYTOTOXIN TARGET	32,762
INSTITUTION TOTAL	5	178,968	
GEORGETOWN UNIVERSITY			
1R01 CA31302-01	FELLER, WILLIAM F	CHARACTERIZE IMMUNE COMPLEXES IN HUMAN BREAST CANCER	61,569
1R01 AM29975-01	GILLIS, RICHARD A	CNS CONTROL OF GASTROINTESTINAL FUNCTION	73,504
INSTITUTION TOTAL	2	135,073	
HOWARD UNIVERSITY			
1R01 GM29804-01	OLDEN, KENNETH	SEGREGATION, PROCESSING & STABILIZATION OF GLYCOPROTEIN	103,847
INSTITUTION TOTAL	1	103,847	
U.S. DEPARTMENT OF THE NAVY--NAVAL RESEARCH LABORATORY			
1R01 GM29548-01	HENDRICKSON, WAYNE A	ANOMALOUS-SCATTERING STUDIES OF PROTEIN STRUCTURE	82,130
INSTITUTION TOTAL	1	82,130	
URBAN INSTITUTE			
1R01 AG03145-01	STRUYK, RAYMOND J	IN-PLACE HOUSING ADJUSTMENTS BY ELDERLY HOMEOWNERS	139,967
INSTITUTION TOTAL	1	139,967	
CITY TOTAL	15	745,051	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	15	745,051	
FLORIDA			
CORAL GABLES			
UNIVERSITY OF MIAMI			
1R01 NS17604-01	EILERS, REBECCA E	PRECURSORS TO SPEECH IN DOWN'S SYNDROME INFANTS	48,698
INSTITUTION TOTAL	1	48,698	
CITY TOTAL	1	48,698	
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1S03 RR03314-01	ALFANT, MARC	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 NS18268-01	ANGELIDES, KIMON J	STRUCTURE, KINETIC, & CELLULAR MAPPING OF NA+CHANNEL	60,997
1S03 RR03238-01	ANGORN, RICHARD A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 HL28106-01	BAUER, JOHN E	SERUM LIPOPROTEINS OF RABBITS FED ATHEROGENIC DIETS	36,338
1R01 DE06051-01	BLEIWEIS, ARNOLD S	MEMBRANES OF THE DENTAL PATHOGEN STREPTOCOCCUS MUTANS	64,449
1R01 HL27791-01A1	BLOCK, EDWARD R	BIOCHEMICAL RESPONSE TO O2-INDUCED ENDOTHELIAL INJURY	60,547
1R01 HD11563-01A3	CAMERON, DON F	VARICOCELE: INFLUENCES ON SPERMATOGENESIS AND FERTILITY	31,338
1R01 AI19478-01	ESSER, ALFRED F	IMPAIRMENT OF MEMBRANE FUNCTION BY COMPLEMENT	87,676
1R01 EY04018-01	HALLIWELL, RICHARD E	EQUINE RECURRENT UVEITIS AS AN EXPERIMENTAL MODEL	71,526
1R13 DE06155-01	HENCH, LARRY L	14TH INTERNATIONAL BIOMATERIALS SYMPOSIUM 1982	10,500
1R23 HL28617-01	KOSCH, PHILIP C	NEUROMUSCULAR CONTROL OF INFANT BREATHING	36,364
1R01 HL28263-01	OTIS, ARTHUR B	REGIONAL LENGTH CHANGES IN THE MAMMALIAN DIAPHRAGM	30,091
1S03 RR03241-01	SANDERS, WILLIE J	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HD16135-01	SEVERY, LAWRENCE J	FACTORS AFFECTING CONTRACEPTIVE PRACTICE	25,235
INSTITUTION TOTAL	14	524,061	
CITY TOTAL	14	524,061	
LAUDERHILL			
NATIONAL SPINAL CORD INJURY FOUNDATION RESEARCH DIVISION			
1R13 NS17315-01	GRAFSTEIN, BERNICE	CONFERENCE: REGENERATION IN THE CENTRAL NERVOUS SYSTEM	30,000
INSTITUTION TOTAL	1	30,000	
CITY TOTAL	1	30,000	
MELBOURNE			
FLORIDA INSTITUTE OF TECHNOLOGY			
1R22 AI17723-01A1	DHOPLE, ARVIND M	APPLICATION OF ATP ASSAYS TO PATIENT CARE IN LEPROSY	58,143
INSTITUTION TOTAL	1	58,143	
CITY TOTAL	1	58,143	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA				
MIAMI				
PAPANICOLAOU CANCER RESEARCH INSTITUTE				
1R01 CA31790-01	FENSELAU, ALLAN H		CONTROL OF TUMOR-INDUCED VASCULARIZATION	73,171
INSTITUTION TOTAL	1	73,171		
UNIVERSITY OF MIAMI				
1R01 AI19188-01	BOURGUIGNON, LILLY Y		BIOCHEMICAL AND IMMUNOCYTOCHEMICAL LYMPHOCYTE STUDIES	64,992
1R23 HL28804-01	BRANDT, NEIL R		ISOLATION OF CARDIAC TRANSVERSE TUBULES	34,575
1R03 EY04315-01	SOSSI, NUZIO		HYALURONIDASE INHIBITOR IN THE AQUEOUS HUMOR	14,911
INSTITUTION TOTAL	3	114,478		
CITY TOTAL	4	187,649		
TALLAHASSEE				
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY				
1S07 RR05867-01	WALKER, CHARLES A		BIOMEDICAL RESEARCH SUPPORT GRANT	33,002
INSTITUTION TOTAL	1	33,002		
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY				
1R01 NS18475-01	MERIDITH, MICHAEL		OLFACTORY BULB: PATTERNED NEURAL RESPONSE TO ODOR	46,643
1R01 GM29994-01	ROBERTS, THOMAS M		AMOEBOID MOTILITY: A CELLULAR AND GENETIC APPROACH	38,327
INSTITUTION TOTAL	2	84,970		
CITY TOTAL	3	117,972		
TAMPA				
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA				
1R01 HL27057-01A1	CARLSON, SUSAN E		INFANT DIETS AND STRUCTURAL AND TRANSPORT LIPIDS	26,707
1R23 HL28337-01	DESAI, USHA		CHEMOTACTIC FACTORS AND LUNG IMMUNOPATHOLOGY	34,374
1R01 HL28290-01	FARESE, ROBERT V		MECHANISM OF ANGIOTENSIN ACTION	53,364
1R23 HD16311-01	NAZIAN, STANLEY J		TESTICULAR-PITUITARY INTERACTIONS AT PUBERTY	33,059
INSTITUTION TOTAL	4	147,504		
CITY TOTAL	4	147,504		
STATE TOTAL	28	1,114,027		
GEORGIA				
ALBANY				
UNIVERSITY SYSTEM OF GEORGIA--ALBANY STATE COLLEGE				
1S03 RR03230-01	SMITH, CLIFFORD L		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF	GEORGIA--UNIVERSITY OF GEORGIA		
1R22 AI18906-01	DAMIAN, RAYMOND T	WORM FECUNDITY SUPPRESSION IN BABOON SCHISTOSOMIASIS	96,682
1R01 GM28393-01A1	JARRETT, HARRY W, III	STRUCTURE-FUNCTION RELATIONSHIPS INVOLVING CALMODULIN	47,145
INSTITUTION TOTAL	2	143,827	
CITY TOTAL	2	143,827	
ATLANTA			
EMORY UNIVERSITY			
1R01 AM30945-01	MC CLURE, HAROLD M	ARTHRITIS, AMYLOIDOSIS AND YERSINIOSIS	46,039
1S03 RR03312-01	NUTTER, DONALD O	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 CA32018-01	PERRY, LINDA L	T SUBSET INTERACTIONS IN SPECIFIC TUMOR IMMUNOTHERAPY	69,644
1R01 AG02760-01	PREEDY, JOHN R	ESTROGENS IN HUMAN AGING AND OBESITY	55,525
1R01 GM29627-01	WANNER, BARRY L	PHOSPHATE CONTROLLED GENE EXPRESSION IN E COLI	75,715
1R01 GM30308-01	WILKINSON, KEITH D	UBIQUITIN-DEPENDENT PROTEOLYSIS--SPECIFICITY/MECHANISM	70,614
1R01 HD16305-01	WILSON, MARK E	PUBERTY IN FEMALE RHESUS MONKEYS: HORMONAL MECHANISMS	52,483
INSTITUTION TOTAL	7	373,020	
UNIVERSITY SYSTEM OF	GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY		
1R01 HL23167-01	MAY, SHELDON W	NOVEL ANTIHYPERTENSIVES: RATIONAL DESIGN AND EVALUATION	86,368
1R01 CA31490-01	ZALKOW, LEON H	SEMISYNTHETIC PYRROLIDIZINE ALKALOID ANTITUMOR AGENTS	41,263
INSTITUTION TOTAL	2	127,631	
CITY TOTAL	9	500,651	
AUGUSTA			
UNIVERSITY SYSTEM OF	GEORGIA--MEDICAL COLLEGE OF GEORGIA		
1R01 HL29565-01	BOINEAU, JOHN P	RECEPTOR BASIS FOR MULTICENTRIC ORIGIN OF ATRIAL IMPULSE	62,825
1R01 HL28294-01	BOINEAU, JOHN P	RECEPTOR BASIS FOR MULTICENTRIC ORIGIN OF ATRIAL IMPULSE	62,825
1R01 AG03374-01	COSTOFF, ALLEN	THE HYPOTHALAMO-HYPOPHYSEAL-OVARIAN AXIS IN AGING	35,836
1R01 HD17064-01	COSTOFF, ALLEN	MORPHOMETRY OF PITUITARY GONADOTROPES AND MAMMOTROPES	33,804
1R23 HL28100-01	MORFF, ROBERT J	REGULATION OF THE MICROCIRCULATION IN DIABETES	34,962
1R23 EY04486-01	MORGAN, THOMAS R	VASCULAR AND EPITHELIAL EFFECTS ON AQUEOUS FORMATION	31,749
1R23 CA31573-01	PANTAZIS, COOLEY G	METASTASES INDUCTION IN EMBRYONAL CARCINOMA CELLS	35,478
1R01 HL28756-01	WILSON, JOHN T	FINE STRUCTURAL ANALYSIS OF HUMAN HEMOGLOBIN GENES	108,251
INSTITUTION TOTAL	8	405,730	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	8	405,730		
STATE TOTAL	20	1,053,208		
HAWAII				
HONOLULU				
QUEEN'S MEDICAL CENTER				
1S07 RR05873-01	ZOMZELY-NEURATH, CLAIRE E		BIOMEDICAL RESEARCH SUPPORT GRANT	16,629
INSTITUTION TOTAL	1	16,629		
CITY TOTAL	1	16,629		
STATE TOTAL	1	16,629		
ILLINOIS				
CARBONDALE				
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE				
1S03 RR03293-01	DOORENBOS, NORMAN J		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 AM30712-01	SHRIVER, JOHN W		NMR STUDIES OF THE MACROMOLECULAR STATES OF MYOSIN	29,963
INSTITUTION TOTAL	2	32,963		
CITY TOTAL	2	32,963		
CHICAGO				
CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE				
1R01 EY03988-01	GREINER, JACK V		31P SPECTROSCOPY AND HISTOPATHOLOGY OF CATARACTOUS LENS	97,504
INSTITUTION TOTAL	1	97,504		
CHICAGO STATE UNIVERSITY				
1S03 RR03323-01	TREPTOW, RICHARD S		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
ILLINOIS INSTITUTE OF TECHNOLOGY				
1R01 GM30240-01	COTTON, THERESE M		SURFACE ENHANCED RAMAN STUDIES OF BIOMOLECULES	122,340
INSTITUTION TOTAL	1	122,340		
LOYOLA UNIVERSITY OF CHICAGO				
1R01 NS18398-01	COOMBS, SHERYL L		TEMPORAL MECHANISMS IN ACOUSTIC PROCESSING	20,915
INSTITUTION TOTAL	1	20,915		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
1S03 RR03328-01	COHEN, SIDNEY	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HL27203-01A1	WOHL, ROBERT C	KINETIC MECHANISMS IN FIBRINOLYSIS	31,864
INSTITUTION TOTAL	2	34,864	
NORTHWESTERN UNIVERSITY			
1R13 HL27961-01	FELDMAN, JACK L	NEURAL PRODUCTION OF PERIODIC RESPIRATORY MOVEMENTS	36,815
1R01 HL26835-01A1	KOENIG, HAROLD	MECHANISM OF THE ANDROGENIC RESPONSE IN RODENT HEART	52,495
1R01 ES02521-01A1	NOVAK, RAYMOND F	HEMOGLOBIN HEMEOXYGENASE ACTIVITY AND RED CELL TOXICITY	28,331
1R01 NS16083-01A2	SHIPLEY, MICHAEL T	ANATOMY AND PHYSIOLOGY OF SENSORY-LIMBIC CORTICAL MODULE	50,899
INSTITUTION TOTAL	4	168,540	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1S03 RR03253-01	GOTTERER, GERALD S	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
UNIVERSITY OF CHICAGO			
1R01 GM30823-01	DRICKAMER, KURT	STRUCTURE OF RECEPTORS FOR ENDOCYTOSIS OF GLYCOPROTEINS	86,325
1R01 NS17996-01	GURNEY, MARK E	SYNAPTIC DYNAMIC UNDERLYING VOCAL LEARNING	57,832
INSTITUTION TOTAL	2	144,157	
UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
1R01 GM30211-01	BARCLAY, STEPHEN L	GENETIC ANALYSIS OF CYTOSKELETAL FUNCTIONS	69,128
1R01 HL26216-01A2	KASSNER, RICHARD J	MODEL SYSTEMS FOR HEMOPROTEIN SPIN-STATE EQUILIBRIA	22,343
1R01 GM30147-01	KEIDERLING, TIMOTHY A	VIBRATIONAL OPTICAL ACTIVITY: BIOCHEMICAL APPLICATIONS	42,740
1R01 AI18985-01	MATSUMURA, PHILIP	MOLECULAR BIOLOGY OF MOT AND CHE GENE PRODUCTS	61,785
1R01 AI18639-01	NICHOLS, BRIAN P	CONSTRUCTION AND ANALYSIS OF TRP/PAB HYBRID GENES	62,181
1R01 HD16061-01	RUTH, RUSSELL E	DIETARY DEFICIENCY & ETHANOL IN NEURAL DEVELOPEMENT	38,882
1R01 GM30140-01	WEAVER, STEVEN G	THE MAINTENANCE OF SEQUENCE HOMOLOGY BY GENE CONVERSION	65,048
INSTITUTION TOTAL	7	362,107	
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
1R01 AM31002-01	CHAN, YUN LAI	THE ROLE OF CALCIUM IN RENAL TUBULAR TRANSPORT	43,695
1S07 RR05871-01	DIEFENBACH, VIRON	BIOMEDICAL RESEARCH SUPPORT GRANT	13,421
1S07 RR05864-01	EISENMANN, DALE R	BIOMEDICAL RESEARCH SUPPORT GRANT	13,709
1R03 EY04237-01	SANDERS, DONALD R	ANALYSIS OF RADIAL KERATOTOMY	7,500
1R01 GM30181-01	STORTI, ROBERT V	REGULATION OF EXPRESSION OF CLONED MUSCLE GENES	30,705
1R01 EY03841-01	ZEIMER, RAN	DEVELOPMENT OF A SELF TONOMETER FOR HOME TONOMETRY	38,596
INSTITUTION TOTAL	6	147,626	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	26	1,104,053	
ILLINOIS			
DE KALB			
NORTHERN ILLINOIS UNIVERSITY			
1R01 CA32579-01	GRIFFITHS, T DANIEL	DNA REPLICATION AFTER INSULT WITH UV	82,610
INSTITUTION TOTAL	1	82,610	
CITY TOTAL	1	82,610	
EDWARDSVILLE			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE			
1R01 GM30217-01	VIOLA, RONALD E	METAL ION AND SUBSTRATE SPECIFICITY OF L-ASPARTASE	48,666
INSTITUTION TOTAL	1	48,666	
CITY TOTAL	1	48,666	
EVANSTON			
NORTHWESTERN UNIVERSITY			
1R01 AI18987-01	KOWALCZYKOWSKI, STEPHEN C	MECHANISTIC STUDIES OF GENETIC RECOMBINATION	77,028
1R01 EY03942-01	LORAND, LASZLO	CROSS-LINKS IN DIABETIC AND SENILE CATARACT	76,239
1S03 RR03240-01	POWELL, ROBIN D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 GM29392-01	REGIER, JEROME C	CELLULAR DIFFERENTIATION AND EVOLUTION OF GENE FAMILIES	85,902
INSTITUTION TOTAL	4	242,169	
CITY TOTAL	4	242,169	
HINES			
U.S. VETERANS ADMINISTRATION MEDICAL CENTER			
1R01 HL27220-01	GOEBEL, MARISTELLA	RELAXATION AND BIOFEEDBACK IN ESSENTIAL HYPERTENSION	25,098
INSTITUTION TOTAL	1	25,098	
CITY TOTAL	1	25,098	
JOLIET			
AMERICAN ASSOCIATION FOR ACCREDITATION OF LABORATORY ANIMAL CARE			
1P40 RR01368-01	HEILMAN, LEE A	AN ACCREDITATION PROGRAM FOR CARE AND USE OF LAB ANIMALS	14,400
INSTITUTION TOTAL	1	14,400	
CITY TOTAL	1	14,400	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1S03 RR03263-01	FRAZIER, ROBERT G	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HL28205-01	RANDALL, WALTER C	NEURAL REGULATION OF SUBSIDIARY ATRIAL PACEMAKERS	62,868
INSTITUTION TOTAL	2	65,868	
CITY TOTAL	2	65,868	
SPRINGFIELD			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE			
1S03 RR03295-01	DONN, CAROL M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
URBANA			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R01 HD15808-01	CAMPIONE, JOSEPH C	LEARNING IN RETARDED AND LEARNING DISABLED CHILDREN	57,624
1R01 AG03151-01	DONCHIN, EMANUEL	PSYCHOPHYSIOLOGICAL ANALYSIS OF MENTAL SLOWNESS IN AGED	113,390
1R23 HD16445-01	DOWNING, SANDRA J	HORMONAL CONTROL OF UTERINE FUNCTION IN PREGNANCY	27,944
1R01 AM30824-01	HELMAN, SANDY I	FLUCTUATION ANALYSIS OF NA CHANNELS IN EPITHELIA	96,238
1R01 HL27011-01A1	HOLMES, KENNETH R	LOCAL TISSUE BLOOD FLOW WITH THERMAL PULSE-DECAY METHOD	64,166
1R01 HD16401-01	LAYMAN, DONALD K	CELLULAR GROWTH OF SKELETAL MUSCLES: INFLUENCES OF DIET	33,906
1R01 CA29010-01A1	MAGIN, RICHARD L	DRUG DELIVERY BY TEMPERATURE SENSITIVE LIPOSOMES	50,644
1R03 EY04182-01	OAKLEY, BURKS, II	ADAPTATIONAL PROCESSES IN VERTEBRATE PHOTORECEPTORS	14,866
1S03 RR03283-01	SWARTZ, HAROLD M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HL27757-01A1	WEYHENMEYER, JAMES A	ANGIOTENSIN-NOREPINEPHRINE INTERACTION IN HYPERTENSION	66,438
INSTITUTION TOTAL	10	528,216	
CITY TOTAL	10	528,216	
STATE TOTAL	49	2,147,043	
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY AT BLOOMINGTON			
1R01 GM29478-01	HECKMAN, JOYCE E	NUCLEAR GENES FOR MITOCHONDIAL PROTEINS IN NEUROSPORA	80,000
1R01 GM29801-01A1	MAGNUS, PHILIP D	SYNTHESIS OF MOLECULES OF BIOLOGICAL INTEREST	67,051
1R01 AI17674-01A2	WILLIAMS, DAVID R	SYNTHETIC STUDIES OF ANTIBIOTIC IONOPHORES	47,379
INSTITUTION TOTAL	3	194,430	
CITY TOTAL	3	194,430	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA				
INDIANAPOLIS				
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS				
1S07 RR05865-01	PHILLIPS, RALPH W		BIOMEDICAL RESEARCH SUPPORT GRANT	19,177
INSTITUTION TOTAL	1	19,177		
INDIANAPOLIS CENTER FOR ADVANCED RESEARCH				
1R01 HL28733-01	HOGAN, ROBERT D, JR		MECHANISMS OF LYMPH FORMATION	36,403
INSTITUTION TOTAL	1	36,403		
METHODIST HOSPITAL OF INDIANA				
1R01 NS18188-01	BLOM, ERIC D		A PROSPECTIVE STUDY OF TRACHEOESOPHAGEAL SPEECH	23,939
INSTITUTION TOTAL	1	23,939		
CITY TOTAL	3	79,519		
WEST LAFAYETTE				
PURDUE UNIVERSITY WEST LAFAYETTE				
1R01 HD16233-01	GANDOUR, JACK		TONE PERCEPTION IN FAR EAST LANGUAGES	5,677
1R01 AI18764-01	JOHNSON, JOHN E		THE HIGH RESOLUTION STRUCTURE OF A MULTI COMPONENT VIRUS	47,355
INSTITUTION TOTAL	2	53,032		
CITY TOTAL	2	53,032		
STATE TOTAL	8	326,981		
IOWA				
AMES				
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY				
1R01 HD16594-01	ABRAMOWITZ, JOEL		HORMONAL RESPONSIVENESS IN THE CORPUS LUTEUM	55,695
1R01 HD16148-01	JACOBSON, CAROL D		STEROIDS AND THE DIFFERENTIATION OF THE PREOPTIC AREA	56,622
1R01 NS17107-01A1	UEMURA, ETSURO		NEUROPATHOLOGICAL AND FUNCTIONAL TOXICITY OF HALOTHANE	82,049
INSTITUTION TOTAL	3	194,366		
CITY TOTAL	3	194,366		
IOWA CITY				
UNIVERSITY OF IOWA				
1R01 CA31982-01	BALLAS, ZUHAIR K		CYTOTOXIC T LYMPHOCYTES: MECHANISMS OF GENERATION	60,460
1R01 AM30944-01	BUCKWALTER, JOSEPH A		EFFECTS OF DIABETES AND MALNUTRITION ON SKELETAL GROWTH	54,117

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1R01 CA31526-01	BURNS, CHARLES P	TUMOR LIPIDS AND HYPERTHERMIA	75,270
1R01 AM28294-01A1	CHRISTENSEN, JAMES	PHYSIOLOGY OF MOVEMENTS OF MUCOSAL MUSCLE	63,353
1R23 HD16523-01	LANDE, ILENE J	IMMUNE RESPONSES INDUCED BY INTRAUTERINE IMMUNIZATION	35,979
1R01 HL28313-01	LONG, JOHN P	INHIBITORY RECEPTORS ON THE SYMPATHETIC NERVE TERMINAL	36,717
1R23 HL28884-01	MITCHELL, LEE D	MAGNOCELLULAR VASOPRESSIN SYSTEM: ROLE IN HYPERTENSION	36,367
1R23 HL28799-01	OLSON, JOHN D	PLATELET INTERACTION WITH SOLID PHASE PROTEINS	36,157
1R23 NS18341-01	RANDICH, ALAN	BLOOD PRESSURE/ENDOGENOUS PAIN-REGULATORY SYSTEM	33,704
1R23 AM27744-01A1	SANDRA, ALEXANDER	THE ROLE OF MEMBRANE LIPIDS IN DIABETES	26,737
1R01 HD16549-01	SOLURSH, MICHAEL	EXTRACELLULAR MATRIX AND CELL MIGRATION	66,259
INSTITUTION TOTAL	11	525,120	
CITY TOTAL	11	525,120	
STATE TOTAL	14	719,486	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL			
1R01 EY04021-01	CROCKETT, R S	MECHANISMS OF LIGHT-INDUCED RETINOTOXICITY	51,430
1R01 HD15307-01A1	JOHNSON, DONALD C	REPRODUCTIVE HORMONE INTERACTIONS IN THE OVARY	34,637
1R01 HD14888-01A1	MAGUIRE, M HELEN	ADENOSINE AND VASOACTIVE AUTACOIDS IN THE PLACENTA	59,649
1R01 EY04114-01	NOELL, WERNER K	TRANSLATION OF VISUAL CELL MRNA IN MODEL SYSTEMS	68,629
1R01 HD15526-01A1	TERRANOVA, PAUL F	SUPEROVULATION AND CYSTIC FOLLICLES: ROLE OF LH	28,552
1R01 HD15533-01A1	VOOGT, JAMES L	CONTROL OF PROLACTIN IN THE PREGNANT RAT	33,046
INSTITUTION TOTAL	6	275,943	
CITY TOTAL	6	275,943	
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
1R01 CA31531-01	JOHNSON, TERRY C	MONOCLONAL ANTIBODIES TO A CELL SURFACE GLYCOPEPTIDE	33,599
1S03 RR03257-01	KRUH, ROBERT F	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	36,599	
CITY TOTAL	2	36,599	
STATE TOTAL	8	312,542	
KENTUCKY			
FRANKFORT			
KENTUCKY STATE UNIVERSITY			
1S03 RR03287-01	BROWN, GEORGE W	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
KENTUCKY				
LEXINGTON				
UNIVERSITY OF KENTUCKY				
1R01 CA31236-01	GOLDENBERG, DAVID M		AFP/HCG RADIOIMMUNODETECTION IN TESTICULAR CANCER	83,712
1R01 NS16843-01A1	KADABA, PANKAJA K		1,2,3-TRIAZOLINES AND TRIAZOLES: NOVEL ANTICONVULSANTS	26,732
1S03 RR03309-01	LAMBSON, ROGER O		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 HD16087-01	PAVLIK, EDWARD J		THE INTRANUCLEAR DISTRIBUTION OF ESTROGEN RECEPTORS	34,931
1R01 CA31288-01	PRIMUS, F JAMES		TUMOR LOCALIZATION AND THERAPY WITH IMMUNOLIPOSOMES	58,916
1R03 EY04236-01	SIEG, JAMES W		MICROSPHERES AS CARRIERS FOR TOPICAL OCULAR DRUGS	15,000
INSTITUTION TOTAL	6	222,291		
CITY TOTAL	6	222,291		
LOUISVILLE				
UNIVERSITY OF LOUISVILLE				
1R23 HD16492-01	ALLEN, THOMAS C		IMMUNOCHEMICAL ANALYSIS OF ESTROPHILIN IN MAMMARY GLAND	32,672
1R23 CA32240-01	LEWKO, WALTER M, III		COLLAGEN METABOLISM IN NORMAL & NEOPLASTIC BREAST TISSUE	37,226
1R01 AM30388-01	MC LEISH, KENNETH R		PROSTAGLANDIN EFFECTS ON IMMUNE GLOMERULONEPHRITIS	21,624
1R01 HD15177-01A1	RAO, CH V		INTRACELLULAR BINDING OF PROSTAGLANDINS	72,663
1R01 CA31895-01	SCHULTZ, GREGORY S		EPIDERMAL GROWTH FACTOR RECEPTOR ROLE IN BREAST CANCER	35,343
INSTITUTION TOTAL	5	199,528		
CITY TOTAL	5	199,528		
STATE TOTAL	12	424,819		
LOUISIANA				
BATON ROUGE				
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE				
1S03 RR03252-01	MC GLYNN, SEAN P		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
NEW ORLEANS				
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS				
1R03 EY04274-01	BAZAN, NICOLAS G		BIOSYNTHESIS OF PHOSPHATIDIC ACID IN THE RETINA	15,000

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
1R01 NS16080-01A2	BOBBIN, RICHARD P	COCHLEAR AFFERENT TRANSMITTER SEARCH	41,606
1R01 CA31702-01	CASEY, JAMES W	MOLECULAR MECHANISMS OF RETROVIRAL INDUCED LEUKEMIA	57,782
1R01 HL28365-01	LOW, FRANK N	VISUALIZATION OF FINE STRUCTURE BY SONICATION	15,967
1R01 HL28612-01	MORGAN, WILLIAM T	MODULATION OF FIBRINOLYSIS BY SERUM PROTEINS	25,259
1R13 HL29149-01	SPITZER, JOHN J	HEART RESEARCH MEETING	32,845
1R01 GM30312-01	SPITZER, JUDY A	ALTERED CA2+ HOMEOSTASIS & METABOLIC FUNCTIONS IN SEPSIS	57,756
1R23 EY03859-01	THOMAS, EDGAR L	IMMUNIGENIC UVEITIS - AND B- CELL ANALYSIS	35,000
1R01 EY04082-01	YAMAGUCHI, TATSUO	ENDOTHELIAL DAMAGE DUE TO ANTERIOR RADIAL KERATOTOMY	87,699
INSTITUTION TOTAL	9	368,914	
TULANE UNIVERSITY OF LOUISIANA			
1R01 AM30167-01	COY, DAVID H	VASOACTIVE INTESTINAL PEPTIDE/ANALOGS--INSULIN/GLUCAGON	64,174
1S03 RR03255-01	FINGERMAN, MILTON	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 NS17173-01A1	WALKER, CEDRIC F	CURRENT DENSITY IN TISSUE DUE TO APPLIED STIMULATION	32,496
INSTITUTION TOTAL	3	99,670	
XAVIER UNIVERSITY OF LOUISIANA			
1S03 RR03322-01	OCHILLO, RICHARD F	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	13	471,584	
SHREVEPORT			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT			
1S03 RR03302-01	WILLIAMS, DARRYL M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	15	477,584	
MAINE			
BAR HARBOR			
CENTER FOR HUMAN GENETICS			
1R03 EY04340-01	BROMLEY, WILLIAM C	CARRIER DETECTION IN X-LINKED BLUE CONE MONOCHROMATISM	11,965
INSTITUTION TOTAL	1	11,965	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MAINE				
BAR HARBOR				
JACKSON LABORATORY				
1R01 HD15516-01	BAILEY, DONALD W		NORMAL VARIANT GENES OF MORPHOGENESIS	117,306
1R01 CA32324-01	COPELAND, NEAL G		ECOTROPIC MULVS OF NORMAL AND MUTANT MOUSE STRAINS	96,216
INSTITUTION TOTAL	2	213,522		
CITY TOTAL	3	225,487		
STATE TOTAL	3	225,487		
MARYLAND				
BALTIMORE				
CHESAPEAKE PHYSICIANS PROFESSIONAL ASSOCIATION				
1R01 HL28401-01	BIGELOW, GEORGE E		RELAPSE TO SMOKING AFTER MYOCARDIAL INFARCTION	73,035
INSTITUTION TOTAL	1	73,035		
JOHN F. KENNEDY INSTITUTE				
1R01 NS17110-01A1	HEINZ, JOHN M		FREQUENCY FOLLOWING RESPONSE TO SPEECH-LIKE SIGNALS	78,506
1R01 HD16052-01	IWATA, BRIAN A		ENVIRONMENTAL INFLUENCES ON SELF-INJURIOUS BEHAVIOR	61,882
INSTITUTION TOTAL	2	140,388		
JOHNS HOPKINS UNIVERSITY				
1R01 HL28028-01	DOVER, GEORGE J		MECHANISMS CONTROLLING CELLULAR HEMOGLOBIN CONTENT	72,126
1R03 EY04235-01	EGETH, HOWARD E		A COMPUTER TERMINAL FOR THE VISUALLY HANDICAPPED	14,903
1R01 HD16302-01	ENTWISLE, DORIS R		SOCIAL STRUCTURE AND TRANSITION TO FULL-TIME SCHOOLING	84,758
1R23 CA31460-01	KIEHART, DANIEL P		CONTRACTILE PROTEIN IN NORMAL AND TRANSFORMED CELLS	36,891
1R01 EY04006-01	LANGHAM, MAURICE E		PRESYNAPTIC ADRENOCEPTORS IN THE EYE	63,323
1R01 AM31090-01	LEVY, DAVID A		IGE AND INTESTINAL GOBLET CELLS	61,392
1R01 AM28250-01A1	MC DONALD, DANIEL F		PHOSPHOCITRATE VS DIPHOSPHONATES: TISSUE/CELL EFFECTS	63,174
1R01 ES02927-01	RUBIN, ROBERT J		CS2, AN INDUSTRIAL SOLVENT--TOXIC INTERACTION OF ALCOHOL	40,903
1R01 GM29772-01A1	TORGERSON, WARREN S		PAIN AND PAIN PATIENTS: SPECIFICATION AND CLASSIFICATION	62,735
1R23 HL28328-01	TURKKAN, JAYLAN S		BEHAVIORAL CONTROL OF HIGH BLOOD PRESSURE IN THE BABOON	36,215
1R01 EY03999-01	YOUNG, ELAINE M		IMMUNOLOGY OF CORNEAL TRANSPLANT REJECTION	66,768
INSTITUTION TOTAL	11	603,188		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE				
1R01 NS18030-01	BROADWELL, RICHARD D		THE BLOOD-BRAIN BARRIER IN NORMAL AND DMSO-TREATED BRAIN	68,750
1R23 NS17861-01	MC MULLEN, NATHANIAL T		MORPHOMETRY AND PHYSIOLOGY OF DEVELOPING AUDITORY CORTEX	36,000
1R01 HL29280-01	SIEGIEL, JOHN H		THE ROLE OF OCCULT MYOCARDIAL FAILURE IN HUMAN SHOCK	203,700
INSTITUTION TOTAL	3	308,450		
CITY TOTAL	17	1,125,061		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF DEFENSE--UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES			
1R01 AI18997-01	HOLMES, KATHRYN V	CORONAVIRUS REPLICATION	57,709
1R01 AI17755-01A1	METCALF, ELEANOR S	B CELL FUNCTION IN THE IMMUNE RESPONSE TO MURINE TYPHOID	57,254
INSTITUTION TOTAL	2	114,963	
CITY TOTAL	2	114,963	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
1R01 AM30322-01	STEINER, ROBERT F	THE STRUCTURE AND INTERACTIONS OF CALMODULIN	66,461
INSTITUTION TOTAL	1	66,461	
CITY TOTAL	1	66,461	
ROCKVILLE			
AMERICAN TYPE CULTURE COLLECTION			
1R01 GM29384-01	NIERMAN, WILLIAM C	TRANSCRIPTION OF DROSOPHILA HEAT SHOCK AND ACTIN GENES	40,959
1S03 RR03306-01	STEVENSON, ROBERT E	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	1,500
INSTITUTION TOTAL	2	42,459	
CYSTIC FIBROSIS FOUNDATION			
1R13 AM30496-01	TALAMO, RICHARD C	CONFERENCE ON CYSTIC FIBROSIS	14,475
INSTITUTION TOTAL	1	14,475	
CITY TOTAL	3	56,934	
STATE TOTAL	23	1,363,419	
MASSACHUSETTS			
AMHERST			
AMHERST COLLEGE			
1R23 AI18704-01	KUSHICK, JOSEPH N	COMPUTER MODELS OF ION-BINDING CYCLIC POLYPEPTIDES	27,466
INSTITUTION TOTAL	1	27,466	
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1S03 RR03250-01	CONTI, SAMUEL F	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 CA32091-01	HEAGY, WYRTA E	MONOCLONAL ANTIBODY ANALYSIS OF CLONED/MUTANT KILLERS	35,500
INSTITUTION TOTAL	2	38,500	
CITY TOTAL	3	65,966	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
1S03 RR03264-01	LEVIN, ROBERT M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
BOSTON UNIVERSITY			
1R13 AM30172-01	LOWENSTEIN, LEAH M	WORKSHOP ON MODERN TECHNIQUES IN RENAL RESEARCH	10,520
1R01 AM30425-01	PILCH, PAUL F	ACTIVATION OF HEXOSE TRANSPORT BY INSULIN	80,355
1R23 NS18386-01	VOIGT, HERBERT F	THE PARALLEL FIBER SYSTEM OF THE DORSAL COCHLEAR NUCLEUS	31,776
INSTITUTION TOTAL	3	122,651	
BRIGHAM AND WOMEN'S HOSPITAL			
1R01 HL28048-01	KLONER, ROBERT A	DETERMINANTS OF HEALING PHASE OF MYOCARDIAL INFARCTION	59,325
1R01 AM28302-01A1	POSS, ROBERT	NON-INVASIVE DETERMINATION OF THE PROPERTIES OF BONE	134,685
1R01 GM30160-01	STRICHARTZ, GARY R	DIFFERENTIAL ANESTHESIA OF NERVE FIBERS	133,395
INSTITUTION TOTAL	3	327,405	
BRIGHAM AND WOMEN'S HOSPITAL--PETER BENT BRIGHAM HOSPITAL			
1R01 AM27793-01A1	ABBAS, ABUL K	PATHOGENESIS OF EXPERIMENTAL GLOMERULONEPHRITIS	65,937
1R01 AI18683-01	GRIFFISS, J MCLEOD	IMMUNOCHEMISTRY OF GONOCOCCAL LIPOPOLYSACCHARIDE	61,142
1R23 AM30309-01	LEONARD, JACK L	REGULATION OF EXTRATHYROIDAL IODOTHYRONINE METABOLISM	33,731
INSTITUTION TOTAL	3	160,810	
BRIGHAM AND WOMEN'S HOSPITAL--ROBERT BRECK BRIGHAM HOSPITAL			
1R23 AI18936-01	PRATT, DIANE M	STUDIES FOR A LESHIMANIASIS VACCINE-ANTIGENIC ANALYSIS	32,640
1R01 AI18990-01	SCHWARTZ, LAWRENCE B	BIOCHEMISTRY OF MAST CELL SECRETORY GRANULE ENZYMES	73,020
INSTITUTION TOTAL	2	105,660	
CENTER FOR BLOOD RESEARCH			
1R01 HL29513-01	STUX, STEPHEN VICTOR	SEROLOGY OF HUMAN PLATELET CELL SURFACE ANTIGENS	64,491
INSTITUTION TOTAL	1	64,491	
CHILDREN'S HOSPITAL MEDICAL CENTER			
1R01 HD15482-01A1	ALS, HEIDELISE	INFANT COMPETENCE: BEHAVIOR AND ELECTROPHYSIOLOGY	57,361
1R01 EY04002-01	LANGER, ROBERT S	INHIBITION OF OCULAR NEOVASCULARIZATION	64,211
1P50 HL27352-01	REID, LYNNE M	SCOR-PULMONARY HYPERTENSION	342,121
1R01 HD16118-01	VITO, CHRISTINE C	SEXUAL DIFFERENTIATION MECHANISMS IN HAMSTER BRAIN	40,742
INSTITUTION TOTAL	4	504,435	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
1R03 EY04342-01	ANDLEY, USHA P	ROLE OF OXYGEN IN OCULAR PATHOLOGY	15,000
1R01 EY04077-01	NEWMAN, ERIC A	REGIONAL DIFFERENCES IN RETINAL MULLER CELL MEMBRANE	61,155
1R01 EY03966-01	WEBB, ROBERT H	LOW VISION READING: OPTIMIZING VISUO-MOTOR PERFORMANCE	118,565
INSTITUTION TOTAL	3	194,720	
HARVARD UNIVERSITY			
1R01 NS18351-01	BACCAGLINI, PAOLA I	STUDIES OF PAIN SENSORY NEURONS IN CULTURE	46,601
1R01 HL28797-01	BUTLER, JAMES P	DYNAMIC LIGHT SCATTERING ESTIMATES OF ALVEOLAR GEOMETRY	113,612
1R01 CA31363-01	DESROSIERS, RONALD C	MOLECULAR BASIS FOR HERPESVIRUS SAIMIRI ONCOGENICITY	53,490
1R01 CA31747-01	GUTENSOHN, NANCY M	HODGKIN'S DISEASE AND PRE-DIAGNOSTIC EBV-ANTIBODY STATUS	92,098
1R01 HD16465-01	HAYES, KENNETH C	TAURINE IN NUTRITION	63,706
1R01 HL28012-01	INGWALL, JOANNE S	ENERGY METABOLISM IN THE HYPERTROPHIED HEART	110,665
1R23 AM30294-01	LACY, ERIC R	INJURY AND REPAIR MECHANISMS OF THE GASTRIC MUCOSA	33,799
1R01 AG03010-01	LU, CHRISTOPHER Y	AGING AND THE IMMUNE RESPONSE TO INTRACELLULAR PATHOGENS	42,601
1R01 NS18316-01	POTTER, DAVID D	SYNAPTIC FUNCTIONS IN CULTURE: PEPTIDERGIC AND OTHERS	59,192
1R01 EY04096-01	RANDO, ROBERT R	REGENERATION OF 11-CIS RETINAL IN THE RETINA	81,338
1R01 AI18436-01	SEIDMAN, JONATHAN G	THE MOLECULAR ORGANIZATION OF THE MURINE I-A GENES	71,378
1R01 AI18437-01	SEIDMAN, JONATHAN G	ANALYSIS OF THE BETA-2 MICROGLOBULIN GENE	90,931
1R01 GM30186-01	STRUHL, KEVIN	EXPRESSION AND REGULATION OF THE YEAST HIS3 GENE	85,000
INSTITUTION TOTAL	13	944,411	
JOSLIN DIABETES CENTER			
1R01 AM31036-01	KAHN, C R	INSULIN RECEPTOR STRUCTURE AND TURNOVER	172,817
1R03 EY04298-01	WEISS, JEFFREY N	EARLY CATARACT SECTION IN DIABETIC PATIENTS	14,290
INSTITUTION TOTAL	2	187,107	
MASSACHUSETTS EYE AND EAR INFIRMARY			
1R01 NS18339-01	KIANG, NELSON Y	SINGLE-NEURON MARKING IN THE STUDY OF ABNORMAL COCHLEAS	94,071
INSTITUTION TOTAL	1	94,071	
MASSACHUSETTS GENERAL HOSPITAL			
1R01 AM30510-01	CARTER, DENNIS R	MECHANICS OF THE HUMAN ACETABULUM	60,309
1R01 AM30834-01	HABENER, JOEL F	GLUCAGON BIOSYNTHESIS AND METABOLISM	49,496
1R01 AM30457-01	HABENER, JOEL F	SOMATOSTATIN: ENDOCRINE AND PARACRINE BIOSYNTHESIS	45,346
1R23 HL27971-01	HARTWIG, JOHN H	ROLE OF ABP IN MACROPHAGE CORTICAL CYTOPLASM STRUCTURE	32,617
1R01 HL28015-01	MATSUEDA, GARY R	THROMBUS DETECTION USING FIBRIN-SPECIFIC ANTIBODIES	51,439
1R23 AG03418-01	NEER, ROBERT M	PATHOPHYSIOLOGY OF AGE-RELATED BONE LOSS	49,775
1R01 CA32259-01	PROUT, GEORGE R, JR	PHOTORADIATION THERAPY OF BLADDER CANCER	137,338

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
1R01 HL28152-01	ZERVAS, NICHOLAS T	TREATMENT OF ISCHEMIC VASOSPASM	58,200
INSTITUTION TOTAL	8	484,520	
NORTHEASTERN UNIVERSITY			
1R01 CA31624-01	HANSON, ROBERT N	RADIOLIGANDS FOR IMAGING ESTROGEN RESPONSIVE TUMORS	100,143
1R01 NS18178-01	NEUMEYER, JOHN L	IRREVERSIBLE DOPAMINE RECEPTOR ANTAGONISTS	46,428
1S03 RR03321-01	PERRY, THERESA	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	3	149,571	
SIDNEY FARBER CANCER INSTITUTE			
1R01 CA31247-01	BEGG, COLIN B	ASSESSMENT OF RADIOLOGIC PROCEDURE EFFICACY	60,018
1R01 AI18533-01	CANTOR, HARVEY I	BIOCHEMICAL ANALYSIS OF SPECIFIC T-LYMPHOCYTE MOLECULES	76,510
1R01 CA31275-01	PARKMAN, ROBERTSON	ANTIBODY TREATED HAPLOIDENTICAL MARROW TRANSPLANTATION	103,311
1R01 CA29039-01A1	RASO, VICTOR	HIGHLY SELECTIVE ANTIBODY-RICIN A CHAIN CYTOTOXINS	73,501
1R01 CA30002-01A1	ROBERTS, THOMAS M	ISOLATION OF POLYOMA T ANTIGENS SYNTHESIZED IN E COLI	81,313
1R01 CA30897-01A1	ROSOWSKY, ANDRE	PRODRUGS OF ANTITUMOR AGENTS- HOMOPOLYPEPTIDE CONJUGATES	88,680
INSTITUTION TOTAL	6	483,333	
TUFTS UNIVERSITY			
1R01 AI18134-01A1	PINCUS, STEPHANIE H	CELLULAR INTERACTIONS- LYMPHOCYTES AND EOSINOPHILS	43,607
1R01 CA31849-01	SCHWARTZ, ROBERT S	EXPERIMENTAL MODEL OF MALIGNANT LYMPHOMA	115,200
INSTITUTION TOTAL	2	158,807	
CITY TOTAL	55	3,964,782	
CAMBRIDGE			
CAMBRIDGE COLLABORATIVE--RESEARCH FOUNDATION			
1R01 HL27050-01A1	FREDBERG, JEFFREY J	CENTRAL AIRWAY MECHANICS	55,134
INSTITUTION TOTAL	1	55,134	
HARVARD UNIVERSITY			
1R01 AI18440-01	HARRISON, STEPHEN C	VIRUS & MEMBRANE ASSEMBLY- MOLECULAR ELECTRON MICROSCOPY	148,831
1R01 GM30079-01	JOHNSON, RICHARD W	ENZYME MODELS BASED ON ANTIBODY-HAPTEN COMPLEXES	91,735
1R01 AI18589-01	PTASHNE, MARK	EXPRESSION OF HIFN AND OTHER PROTEINS IN MICROORGANISMS	105,353
1R01 GM29988-01	PTASHNE, MARK	CARCINOGENS AND THE SOS RESPONSE	93,961
1R01 AM30241-01	STROMINGER, JACK L	MAJOR HISTOCOMPATABILITY COMPLEX GENETIC ORGANIZATION	154,102
1R01 LM03910-01	WARNER, JOHN H	MEDICAL THERAPEUTICS IN AMERICA, 1820-1885	6,915

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS				
CAMBRIDGE				
HARVARD UNIVERSITY				
1R01 GM30367-01	WHITESIDES, GEORGE M		ENZYMES AS CATALYSTS IN ORGANIC SYNTHESIS	152,975
INSTITUTION TOTAL	7	686,852		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY				
1R01 NS17610-01A1	ROSEN, MICHAEL J		SUPPRESSION OF PATHOLOGICAL TREMOR BY MECHANICAL LOADING	69,955
1R01 CA32267-01	ROSNER, MARSHA R		ISOLATION AND CHARACTERIZATION OF RETROVIRUS RECEPTORS	60,724
1R01 EY03972-01	SCHILLER, PETER H		MOTION DETECTION ALGORITHMS IN THE VISUAL CORTEX	34,312
1R01 CA31649-01	WEINBERG, ROBERT A		TRANSFORMATION PROTEINS OF NON-VIRALLY INDUCED TUMORS	57,814
1R03 EY04297-01	WOLFE, JEREMY M		FALSE FUSION AND BINOCULAR VISION: A PILOT STUDY	14,881
INSTITUTION TOTAL	5	237,686		
CITY TOTAL	13	979,572		
WALTHAM				
BRANDEIS UNIVERSITY				
1R01 GM29165-01	ERNST, VIVIAN G		CONTROL OF TRANSLATION BY PROTEIN PHOSPHORYLATION	59,612
INSTITUTION TOTAL	1	59,612		
CITY TOTAL	1	59,612		
WELLESLEY				
WELLESLEY COLLEGE				
1R01 HD16034-01	RIERDAN, JILL E		BIOPSYCHOSOCIAL DEVELOPMENT OF ADOLESCENT GIRLS	47,404
INSTITUTION TOTAL	1	47,404		
CITY TOTAL	1	47,404		
WORCESTER				
ST. VINCENT HOSPITAL				
1S03 RR03279-01	DRISCOLL, WALTER G		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER				
1R01 AI19337-01	MOLE, JOHN E		BIOCHEMISTRY OF COMPLEMENT FACTOR B	90,252
1S03 RR03315-01	SMITH, EDGAR E		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	93,252		
CITY TOTAL	3	96,252		

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	76	5,213,598	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1R01 GM30144-01	BROWN, WESLEY M	EVOLUTIONARY GENETICS OF MITOCHONDRIAL DNA	111,057
1R01 EY03648-01A1	COHAN, BRUCE E	MACROSTRUCTURAL CHARACTERISTICS OF NORMAL CORNEA	68,509
1R01 HL28094-01	DIELMAN, T E	SOCIODEMOGRAPHIC CORRELATES OF TYPE A BEHAVIOR	245,988
1R01 HL25541-01A1	HANASH, SAMIR M	FETAL HEMOGLOBIN SYNTHESIS IN HUMAN ERYTHROID CELLS	47,937
1R01 AM30879-01	HUMES, H DAVID	CELLULAR BASIS OF NEPHROTOXIC ACUTE RENAL FAILURE	34,851
1R01 AG03015-01	JENNINGS, M KENT	AGING AND THE DEVELOPMENT OF SOCIO-POLITICAL ORIENTATION	280,488
1R01 NS17642-01A1	JOHNSTON, MICHAEL V	PERINATAL HYPOXIA-ISCHEMIA: NEUROTRANSMITTER CORRELATES	39,514
1R01 HD16000-01	KELCH, ROBERT P	MATURATION OF PITUITARY RESPONSES TO GNRH IN HUMANS	79,630
1R01 HD16093-01	MIDGLEY, A REES	GRANULOSA CELL HCG-RECEPTOR INTERACTIONS	73,764
1R01 AI18556-01	NAIRN, RODERICK	BIOCHEMISTRY OF THE H-2 PRODUCTS FROM MURINE MHC MUTANTS	70,588
1R01 ES02770-01	RICHARDSON, RUDY J	NEUROTOXICITY ASSESSMENT USING LEUKOCYTES	74,386
1R01 GM30054-01	SAVAGEAU, MICHAEL A	ANALYSIS OF MOLECULAR NETWORKS AND CONTROL SYSTEMS	46,468
1R01 GM30135-01	SMOUSE, PETER E	GENETIC DEMOGRAPHY OF TRIBAL POPULATIONS	44,396
1R01 AM27077-01A1	VINIK, AARON I	QUANTITATIVE CYTOCHEMISTRY OF OXYNTIC CELL FUNCTION	70,483
1R01 HL27020-01A1	WEBB, R CLINTON	ALTERED BLOOD VESSEL FUNCTION IN HYPERTENSION	41,114
1R01 HL28024-01	WEISS, STEPHEN	O2-DEPENDENT LEUKOCYTE-MEDIATED ENDOTHELIAL CELL INJURY	66,468
1R01 AG03542-01	WELLS, THELMA J	NURSING INTERVENTIONS--URINE CONTROL IN OLDER WOMEN	109,373
1R01 HD15246-01A1	WELSH, MICHAEL J	TESTICULAR CELL INTERACTIONS AND MEIOSIS IN VITRO	49,301
1R01 AM30673-01	WIGGINS, ROGER C	HAGEMAN FACTOR AND GLOMERULONEPHRITIS	53,164
1R01 GM30097-01	WOODARD, RONALD W	STEREOCHEMISTRY OF ACC SYNTHASE AND ACC DEAMINASE	53,096
INSTITUTION TOTAL	20	1,660,575	
CITY TOTAL	20	1,660,575	
DETROIT			
HENRY FORD HOSPITAL			
1R23 NS17116-01A1	DULL, REBECCA A	PREDICTED OUTCOME IN NEUROSURGICALLY-TREATED ISCHEMIA	35,482
INSTITUTION TOTAL	1	35,482	
MICHIGAN CANCER FOUNDATION			
1S03 RR03294-01	HEPPNER, GLORIA H	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
WAYNE STATE UNIVERSITY			
1P30 EY04068-01	MAISEL, HARRY	CORE GRANT FOR VISION RESEARCH	149,033
1S03 RR03331-01	NADLER, HENRY L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
1S03 RR03332-01	STEVENS, CALVIN L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HD16019-01	TANENHAUS, MICHAEL K	DEVELOPMENT AND INTEGRATION OF LEXICAL CODES	30,995
INSTITUTION TOTAL	4	186,028	
CITY TOTAL	6	224,510	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1R01 AG02398-01A2	AKERA, TAI	AGING, DISEASE AND DRUGS--DIGITALIS SENSITIVITY	82,766
1R01 ES02785-01	AUST, STEVEN D	TOXICOLOGY OF POLYBROMINATED BIOPHENYLS PHOTOLYSIS	18,427
1R01 ES02786-01	AUST, STEVEN D	TOXICOLOGY OF POLYBROMINATED BIOPHENYLS	39,312
1R01 HL28044-01	FINK, GREGORY D	FLUID REGULATION IN NEUROGENIC HYPERTENSION	37,417
1R01 ES02783-01	RECH, RICHARD H	NEUROBEHAVIORAL TOXICITY OF PERINATAL PBBS	64,088
1R01 GM30158-01	SCHINDLER, MELVIN S	BIODYNAMICS OF NUCLEAR MEMBRANE AND MATRIX	60,250
1R01 ES02781-01	SLEIGHT, STUART D	TOXICITY AND CARCINOGENICITY OF BROMINATED BIPHENYLS	77,321
1R01 HL25942-01A2	TULINSKY, ALEXANDER	X-RAY CRYSTAL STRUCTURES OF BLOOD CLOTTING PROTEINS	36,870
INSTITUTION TOTAL	8	416,451	
CITY TOTAL	8	416,451	
STATE TOTAL	34	2,301,536	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R23 CA30129-01A1	ATKINSON, MICHAEL M	SRC GENE EXPRESSION--MODIFIED JUNCTIONAL PERMEABILITY	35,550
1R01 AM30524-01	BJERKNES, MATTHEW L	CONTROL OF CELL RENEWAL IN THE INTESTINAL EPITHELIUM	96,047
1R01 AM30072-01	BUCHWALD, HENRY	INSULIN INFUSION IN TYPE II DIABETICS BY IMPLANTED PUMP	191,500
1R01 NS18428-01	COULTER, HERBERT D	NEUROPEPTIDE IMMUNOCYTOCHEMISTRY OF FROZEN-DRIED BRAIN	57,654
1R01 NS18338-01	EBNER, TIMOTHY J	MOSSY & CLIMBING FIBER INTERACTIONS IN THE CEREBELLUM	37,044
1R01 HD16494-01	GUNNAR, MEGAN R	BEHAVIORAL AND HORMONAL RESPONSES TO STRESS IN NEWBORNS	50,192
1R01 GM29077-01A1	HOYE, THOMAS R	ANTIBIOTIC SYNTHESIS	49,210
1R01 CA31635-01	HRUSHESKY, WILLIAM J	CLINICAL APPLICATION OF CHRONOBIOLOGY IN CANCER	98,023
1R23 AM30247-01	HUTTON, SCOT W	THE EFFECT OF SPHINCTEROTOMY ON GALLSTONE FORMATION	36,183
1R01 CA31685-01	LEBIEN, TUCKER W	DIFFERENTIATIVE PROGRAMS OF LYMPHOID PROGENITOR CELLS	83,812
1R01 HD16025-01	LEIK, ROBERT K	DEMOGRAPHIC BEHAVIOR AND PERSONAL CONSTRUCTS: 1955	40,939
1R01 HL28241-01	LOCK, JAMES E	BALLOON DILATION OF CONGENITAL CARDIAC DEFECTS	45,821
1R01 AG03325-01	MORTIMER, JEYLAN T	WORK EXPERIENCE AND PSYCHOLOGICAL DEVELOPMENT	46,697
1R01 CA31185-01	RAPPAPORT, DANIEL S	TOTAL BODY IRRADIATION AND LUNG FUNCTION AND STRUCTURE	81,837
1R01 AM30519-01	SHERIDAN, JUDSON D	ISLET CELL COUPLING AND CONTROL OF B-CELL SECRETION	46,279

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R01 CA31618-01	VALLERA, DANIEL A	IRRADIATION AND THE IMMUNE SYSTEM	77,504
1P50 HL27355-01	WARWICK, WARREN J	PEDIATRIC PULMONARY SCOR FOCUSED ON CYSTIC FIBROSIS	470,639
INSTITUTION TOTAL	17	1,544,931	
CITY TOTAL	17	1,544,931	
ROCHESTER			
MAYO FOUNDATION			
1R01 AI18657-01	ATASSI, M ZOUHAIR	DISSECTION OF ANTIGEN RECOGNITION AT THE CLONAL LEVEL	93,782
1R01 NS18170-01	BRIMIJOIN, WILLIAM S	AXONAL TRANSPORT IN PERIPHERAL NERVE DISEASE	66,077
1R01 AM30759-01	DOUSA, THOMAS P	CELLULAR REGULATION OF PHOSPHATE TRANSPORT IN KIDNEY	88,539
1R01 CA31638-01	MC KEAN, DAVID J	CHARACTERIZATION OF MHC RESTRICTED ANTIGEN PRESENTATION	79,829
1R01 CA31967-01	POWIS, GARTH	PROTECTION AGAINST CANCER DRUG SKIN TOXICITY	37,507
INSTITUTION TOTAL	5	365,734	
CITY TOTAL	5	365,734	
STATE TOTAL	22	1,910,665	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R01 AM29749-01	BYLUND, DAVID B	ADRENERGIC REGULATORY SYSTEMS IN CYSTIC FIBROSIS	82,422
1R23 LM03894-01	MITCHELL, JOYCE A	COMPUTER-BASED CONSULTATION SYSTEM IN DEAF-BLINDNESS	34,234
1R01 CA33526-01	VOLKERT, WYNN A	DEVELOPING MACROCYLIC AMINES AS TC-99M IMAGING AGENTS	93,964
INSTITUTION TOTAL	3	210,620	
CITY TOTAL	3	210,620	
KIRKSVILLE			
KIRKSVILLE COLLEGE OF OSTEOPATHIC MEDICINE			
1S07 RR05869-01	CENEDELLA, RICHARD J	BIOMEDICAL RESEARCH SUPPORT GRANT	15,590
INSTITUTION TOTAL	1	15,590	
CITY TOTAL	1	15,590	
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
1R13 HL28547-01	MECHAM, ROBERT P	SYMPOSIUM ON EXTRACELLULAR MATRIX	17,678
INSTITUTION TOTAL	1	17,678	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
1R01 NS18335-01	BEINFELD, MARGERY C	MOTILIN IN BRAIN: STRUCTURE, BINDING, ACTIVITY/RELEASE	53,710
1R01 CA31719-01	CHINNADURAI, G OVIND	GENETIC ANALYSIS OF ADENOVIRUS 2 EARLY GENES	53,270
1R01 HL28227-01	JOIST, J HEINRICH	FLUID SHEAR-INDUCED PLATELET ALTERATIONS	55,440
1R23 HD15410-01A1	RYERSE, JAN S	GAP JUNCTIONS IN PATTERN REGULATION AND GROWTH CONTROL	32,942
1S07 RR07207-01	TAUB, JOHN M	BIOMEDICAL RESEARCH SUPPORT GRANT	12,827
INSTITUTION TOTAL	5	208,189	
WASHINGTON UNIVERSITY			
1R01 NS17823-01	ABERCROMBIE, RONALD	INTERACTIONS BETWEEN H AND C IN MYXICOLA AXON	67,588
1R01 AM27895-01A1	ANDERSON, CHARLES B	RENAL TRANSPLANT ENHANCEMENT BY DONOR-SPECIFIC BLOOD	100,593
1R01 AI18980-01	BERG, DOUGLAS E	TRANSPOSABLE ELEMENT DIVERSITY	68,225
1R01 AM26806-01A2	CHIRGWIN, JOHN M	INSULIN GENE EFFECTS IN DIABETES	31,602
1R01 GM30299-01	ELSON, ELLIOT L	BIOPHYSICAL STUDIES OF CELL SURFACE INTERACTIONS	71,895
1R01 AM30292-01	GORDON, JEFFREY I	REGULATION OF GENE EXPRESSION IN THE SMALL INTESTINE	104,168
1R01 EY03703-01	HART, WILLIAM M, JR	CHROMATIC STATIC PERIMETRY IN THE DIAGNOSIS OF GLAUCOMA	65,287
1R01 HL27703-01A1	HENRY, PHILIP D	ARTERIAL RECEPTORS IN ATHEROSCLEROSIS	76,425
1R23 NS17945-01	IP, WALLACE	THE STRUCTURAL BASIS OF ORGANELLE TRANSLOCATION	34,396
1R01 NS18071-01	JOHNSON, EUGENE M, JR	NGF DEPRIVATION BY AN EXPERIMENTAL AUTOIMMUNE APPROACH	67,134
1R01 NS18426-01	KIM, DUCK O	AUDITORY BIOPHYSICS, NEUROBIOLOGY, AND PSYCHOPHYSICS	86,512
1R01 CA31734-01	LIEBERMAN, MICHAEL W	METHYLATION OF DNA DURING REPAIR OF CARCINOGEN DAMAGE	75,777
1R23 AM30178-01	MORRISSEY, JEREMIAH J	REGULATION OF PARATHYROID FUNCTION	33,582
1R01 NS18387-01	NEMETH, PATTI M	NEURAL INFLUENCE ON BIOCHEMISTRY OF SINGLE MUSCLE FIBERS	83,846
1R23 HD14872-01A1	PARRISH, RICHARD F	CHARACTERIZATION OF PROSTATIC ZINC BINDING LIGANDS	34,471
1R01 GM30244-01	SILBERT, DAVID F	MEMBRANE LIPIDS-INTERACTIONS AND CONTROL OF BIOSYNTHESIS	92,209
1R01 HD15903-01	STRICKLER, RONALD C	HYDROXYSTEROID DEHYDROGENASES IN HUMAN PLACENTAL CYTOSOL	38,985
1R23 ES02740-01	TANG, ERIC MOON-SHONG	REPAIR OF DNA DAMAGED BY MODEL ENVIRONMENTAL CHEMICALS	35,470
1R01 AM30479-01	WHITE, DABNEY K	AXIAL HISTIDINE-HEME INTERACTIONS IN PROTEINS AND MODELS	54,763
INSTITUTION TOTAL	19	1,222,928	
CITY TOTAL	25	1,448,795	
STATE TOTAL	29	1,675,005	
MONTANA			
BOZEMAN			
MONTANA UNIVERSITY SYSTEM--MONTANA STATE UNIVERSITY			
1R23 NS17974-01	PADEN, CHARLES M	ROLE OF STEROIDS IN ONTOGENY OF TRANSPLANTED FETAL BRAIN	35,457
INSTITUTION TOTAL	1	35,457	
CITY TOTAL	1	35,457	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MONTANA				
MISSOULA				
MONTANA UNIVERSITY SYSTEM--UNIVERSITY OF MONTANA				
1R01 GM30219-01	GUSTAFSON, GARY L		CONTROL OF INTRACELLULAR PROTEINASE COMPARTMENTATION	57,150
INSTITUTION TOTAL	1	57,150		
CITY TOTAL	1	57,150		
STATE TOTAL	2	92,607		
NEBRASKA				
BOYS TOWN				
FATHER FLANAGAN'S BOYS' HOME				
1S03 RR03254-01	WATSON, CHARLES S		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
OMAHA				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER				
1R01 CA30196-01	PURTILO, DAVID T		IMMUNOPATHOLOGY OF X-LINKED LYMPHOPROLIFERATIVE SYNDROME	146,444
1R01 HD13219-01A3	RODRIGUEZ-SIERRA, JORGE F		SEXUAL BEHAVIOR AND LH RELEASE-NEUROENDOCRINE CONTROL	52,760
INSTITUTION TOTAL	2	199,204		
CITY TOTAL	2	199,204		
STATE TOTAL	3	202,204		
NEW HAMPSHIRE				
HANOVER				
DARTMOUTH COLLEGE				
1R01 NS18036-01	CULP, WILLIAM J		SCORPION NEUROTOXIN ALTERING POTASSIUM CHANNEL GATING	57,551
1R01 HL26091-01A2	ST JOHN, WALTER M		MECHANISMS AND SITES OF VENTILATORY NEUROGENESIS	54,501
INSTITUTION TOTAL	2	112,052		
CITY TOTAL	2	112,052		
STATE TOTAL	2	112,052		
NEW JERSEY				
NEW BRUNSWICK				
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK				
1R01 GM29864-01	MENDELSOHN, RICHARD		LIPID CONTROL OF MEMBRANE PROTEIN ORGANIZATION	61,545

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR			TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY					
NEW BRUNSWICK					
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK					
1S03 RR03234-01	REINGOLD, STEPHEN C			MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL		2	64,545		
CITY TOTAL		2	64,545		
NEWARK					
RUTGERS THE STATE UNIVERSITY NEWARK					
1R01 HD15997-01	LENINGTON, SARAH			GENETIC BASIS OF DOMINANCE AND REPRODUCTION	8,966
INSTITUTION TOTAL		1	8,966		
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY					
1R03 EY04204-01	GONA, OPHELIA D			PROLACTIN AND GALACTOSE-INDUCED CATARACTOGENESIS	14,435
1R01 AM30066-01A1	LEVIN, BARRY E			ROLE OF THE SYMPATHO-ADRENAL SYSTEM IN OBESITY	53,779
1R01 HD16147-01	NAGASWAMISRI, VASAN			EXTRACELLULAR PROTEOGLYCANS IN EMBRYONIC CHONDROGENESIS	66,946
1R01 GM28964-01A1	RUSH, BENJAMIN F, JR			CELL BIOLOGY OF HEPATOCYTES INJURED BY HEMORRHAGIC SHOCK	70,325
1R01 AM30420-01	STEPHENSON, ELIZABETH W			INTRACELLULAR CALCIUM FLUXES IN SKELETAL MUSCLE	34,279
1R23 HL26760-01A1	TAPP, WALTER N			BEHAVIORAL MEDICINE: HEART FAILURE AND CHRONOTHERAPY	36,375
1R01 AG02778-01	ZBUZEK, VLASTA K			VASOPRESSIN AND AGING	71,162
INSTITUTION TOTAL		7	347,301		
CITY TOTAL		8	356,267		
PISCATAWAY					
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL					
1R23 AM30387-01	MYERS, JEANNE C			HUMAN TYPE III COLLAGEN: NORMAL AND ABNORMAL EXPRESSION	34,578
INSTITUTION TOTAL		1	34,578		
CITY TOTAL		1	34,578		
PRINCETON					
PRINCETON UNIVERSITY					
1R01 HD16379-01	RYDER, NORMAN B			INTERVAL-SPECIFIC PROGRESSION	28,980
INSTITUTION TOTAL		1	28,980		
CITY TOTAL		1	28,980		
STATE TOTAL		12	484,370		

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NIH
RESEARCH GRANTS *

RANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
EW MEXICO				
LBUQUERQUE				
NIVERSITY OF NEW MEXICO ALBUQUERQUE				
R01 HD15243-01A1	JOHNSON, JOHN D		CONTROL OF PROTEIN TURNOVER DURING DEVELOPMENT	69,784
R01 GM30679-01	LOFTFIELD, ROBERT B		HOW POLYAMINES ENHANCE PRECISION OF AA-TRNA SYNTHESIS	73,820
INSTITUTION TOTAL	2	143,604		
CITY TOTAL	2	143,604		
AS VEGAS				
EW MEXICO HIGHLANDS UNIVERSITY				
S03 RR03282-01	SCHREIBER, HENRY L, III		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
STATE TOTAL	3	146,604		
EW YORK				
LBANY				
EW YORK STATE DEPARTMENT OF HEALTH				
R01 NS18435-01	CARPENTER, DAVID O		MECHANISMS OF DESENSITIZATION AT CENTRAL SYNAPSES	91,520
R01 GM29169-01A1	FRANK, JOACHIM		STRUCTURAL ANALYSIS OF MACROMOLECULAR ASSEMBLIES	86,382
R01 AI17613-01A1	NUSS, DONALD L		MOLECULAR BIOLOGY OF WOUND TUMOR VIRUS TRANSMISSION	88,967
R01 NS18309-01	SWANN, JOHN W		IMMATURE HIPPOCAMPUS: EPILEPTOGENIC PROPERTIES	59,187
INSTITUTION TOTAL	4	326,056		
EW YORK STATE OFFICE OF MENTAL HEALTH				
1R01 HD16153-01	LOO, YEN H		EXPERIMENTAL MATERNAL PHENYLKETONURIA	42,470
1R01 NS17304-01A2	MITLER, MERRILL M		NARCOLEPSY: CLINICAL RESEARCH TO IMPROVE TREATMENT	70,617
1R01 HD15909-01	STEIN, ZENA A		THE EPIDEMIOLOGY OF EARLY REPRODUCTIVE LOSS	276,214
INSTITUTION TOTAL	3	389,301		
STATE UNIVERSITY OF NEW YORK AT ALBANY				
1R01 NS16891-01A1	ANDRASIK, FRANK		ASSESSMENT AND TREATMENT OF CHILDHOOD HEADACHE	73,492
1R01 GM29554-01	SEEMAN, NADRIAN C		PHYSICAL CHEMISTRY OF RECOMBINATIONAL INTERMEDIATES	47,957
1S03 RR03299-01	TEDESCHI, HENRY		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R13 GM30753-01	ZUBIETA, JON A		CONFERENCE ON COPPER COORDINATION CHEMISTRY	4,700
INSTITUTION TOTAL	4	129,149		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
ALBANY				
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE				
1S03 RR03296-01	CHODOS, ROBERT B		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 EY03929-01	KAYE, GORDON I		STROMAL GLYCOPROTEINS AND CORNEAL INTEGRITY	45,570
1R01 HL27161-01A1	VAN DER ZEE, HOYTE		CONSEQUENCES OF PEEP AND HIGH FREQUENCY VENTILATION	43,936
INSTITUTION TOTAL	3	92,506		
CITY TOTAL	14	937,012		
BINGHAMTON				
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON				
1S03 RR03301-01	JENSEN, ROY A		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
1R23 CA31474-01	AU, JESSIE L		TISSUE SELECTIVITY OF 5-FLUOROURACIL PRODRUGS	37,500
1R01 GM30248-01	GROSS, KENNETH W		ANDROGEN RESPONSIVE GENES OF MOUSE SUBMAXILLARY GLAND	73,387
1R01 CA29544-01A1	WANG, MING C		IMMUNO-SPECIFIC CHEMOTHERAPIES OF PROSTATE CANCER	60,180
INSTITUTION TOTAL	3	171,067		
STATE UNIVERSITY OF NEW YORK AT BUFFALO				
1R01 GM29928-01	BRUENN, JEREMY A		RELATEDNESS OF USTILAGE MAYDIS VIRAL DOUBLE-STRANDED RNA	44,100
1R01 HL28256-01	HOGAN, PERRY M		HYDROSTATIC PRESSURE AND THE MAMMALIAN MYOCARDIUM	38,509
1R18 HL28901-01	MIDDLETON, ELLIOT, JR		EDUCATION AND COMPLIANCE IN ASTHMATICS	73,431
1S03 RR03268-01	RENNIE, DONALD W		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1S03 RR03284-01	WRIGHT, MAGGIE S		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	5	162,040		
CITY TOTAL	8	333,107		
COLD SPRING HARBOR				
COLD SPRING HARBOR LABORATORY				
1R01 NS18040-01	HOCKFIELD, SUSAN		MONOCLONAL ANTIBODIES TO NEURAL TISSUE: LM AND EM STUDY	50,474
1R01 HD16091-01	SILVER, LEE M		ORGANIZATION AND EXPRESSION OF MOUSE 1/T-COMPLEX GENES	108,483
1R01 CA31488-01	TOPP, WILLIAM C		INDUCTION OF BREAST FIBROADENOMA BY HUMAN ADENOVIRUS-9	91,200
INSTITUTION TOTAL	3	250,157		
CITY TOTAL	3	250,157		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ITHACA			
CORNELL UNIVERSITY ITHACA			
1R01 GM30350-01	COLLUM, DAVID B	THE SYNTHESIS OF ANTITUMOR AGENTS	65,150
1R23 HL28179-01	HAJJAR, DAVID P	AORTIC LIPID METABOLISM IN HERPESVIRUS-INFECTED CHICKEN	9,193
1R01 HD16103-01	HANSEL, WILLIAM	REGULATION OF HORMONE SYNTHESIS BY BOVINE PLACENTA	101,330
1R23 HD15993-01	JOHNSON, ALAN L	NEUROENDOCRINE CONTROL OF OVULATION	34,613
1R01 EY03451-01A1	LOEW, ELLIS R	VITAMINE E AND MAINTENANCE OF VISUAL FUNCTION	77,235
INSTITUTION TOTAL	5	287,521	
CITY TOTAL	5	287,521	
NEW YORK			
AMERICAN HEALTH FOUNDATION			
1R01 CA32391-01	CASTONGUAY, ANDRE	TOBACCO-SPECIFIC NITROSAMINE: RIA FOR DNA-ADDUCTS	57,011
1S03 RR03290-01	WYNDER, ERNST L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	60,011	
CITY UNIVERSITY OF NEW YORK--BROOKLYN COLLEGE			
1R01 EY03957-01	HAINLINE, LOUISE D	OCULOMOTOR DEVELOPMENT	64,277
INSTITUTION TOTAL	1	64,277	
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE			
1R01 GM28619-01A1	DIEM, MAX	NOVEL PROBES FOR SOLUTION CONFORMATION OF PEPTIDES	65,700
1R01 CA30643-01A1	OZER, HARVEY L	GENETIC BASES FOR THE TRANSFORMED PHENOTYPE	68,014
INSTITUTION TOTAL	2	133,714	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1R01 AG02716-01A1	BONA, CONSTANTIN A	AUTOANTI-IMMUNOGLOBULIN RESPONSE AND AGING	50,433
1R01 AM30854-01	GERBER, MICHAEL A	PLASMA MEMBRANE ALTERATIONS IN VIRAL HEPATITIS B	56,335
1R01 CA31656-01	GILBERT, HARRIET S	HYPOCHOLESTEROLEMIA IN MYELOPROLIFERATIVE DISORDERS	84,895
1R01 EY03595-01	SCOTT, WALTER N	OCULAR CARBONIC ANHYDRASE	82,988
1R01 ES02782-01	WOLFF, MARY S	MINOR PBB CONGENERS: DISPOSITION AND TOXICITY IN HUMANS	67,350
1R01 EY03442-01A1	YABLONSKI, MICHAEL E	FLUOROPHOTOMETRIC MEASUREMENT OF AQUEOUS HUMOR DYNAMICS	82,846
INSTITUTION TOTAL	6	424,847	
COLUMBIA UNIVERSITY			
1R01 GM29758-01	BAYLEY, HAGAN P	PROTEIN TOPOGRAPHY IN TRANSIENT MEMBRANCE STATES	63,310
1R01 EY04146-01	BITO, LASZLO Z	PRESBYOPIA: THE AGING PROCESS OF ACCOMODATIVE MECHANISM	125,006
1R01 EY04156-01	COWMAN, MARY K	CHAIN-CHAIN INTERACTIONS IN VITREOUS HYALURONIC ACID	53,992

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
1R23 HD16513-01	EVINGER, MARIAN J	REGULATION OF THE EXPRESSION OF THE GNRH (LHRH) GENE	34,400
1R01 AM30468-01	HARDY, MARK A	WHOLE PANCREAS & PANCREATIC ISLET ALLOGRAFT PROLONGATION	53,537
1R01 NS18016-01	LATOV, NORMAN	PERIPHERAL NEUROPATHY AND PARAPROTEINEMIA	61,248
1R01 GM30205-01	LEONARD, EDWARD F	TECHNOLOGY OF THERAPEUTIC MEMBRANE PLASMAPHERESIS	79,639
1R18 HL28907-01	MELLINS, ROBERT B	HEALTH EDUCATION IN SELF-MANAGEMENT OF CHILDHOOD ASTHMA	225,226
1R01 CA31683-01	MILCAREK, CHRISTINE	IMMUNOGLOBULIN GENE EXPRESSION IN MYELOMA MUTANTS	75,031
1R01 GM29571-01	MORISHIMA, HISAYO O	DRUG RESPONSES IN FETAL IMMATURITY AND/OR ASPHYXIA	104,891
1R01 NS18324-01	NILAVER, GAJANAN	MOTILIN IN BRAIN: IMMUNOCHEMICAL ANATOMY AND PHYSIOLOGY	74,532
1R01 HL28223-01	ROSEN, MICHAEL R	TRIGGERED ACTIVITY AND CARDIAC ARRHYTHMIAS	118,081
INSTITUTION TOTAL	12	1,068,893	
CORNELL UNIVERSITY MEDICAL CENTER			
1R01 HD15528-01A1	BEDFORD, J MICHAEL	DETERMINANTS OF SPERM FUNCTION IN THE FEMALE TRACT	65,302
1R01 NS18420-01	BOHN, MARTHA D	EMBRYONIC DEVELOPMENT OF ADRENERGIC NEURONS IN RAT BRAIN	57,188
1R23 GM30086-01	DAVIS, JOHN M	IMPAIRED HOST DEFENSE MECHANISMS IN SHOCK	35,000
1R01 GM30282-01	HASCHEMEYER, RUDY H	BIOPHYSICAL FLUX METHODS: THEORY AND APPLICATIONS	25,050
1R01 NS17936-01	HOLTZMAN, JEFFREY D	SECONDARY VISUAL MECHANISMS AND SELECTIVE ATTENTION	58,967
1R01 NS17285-01A1	KESSLER, JOHN A	MECHANISMS GOVERNING NEURONAL DEVELOPMENT	30,453
1R23 HD16154-01	RISLEY, MICHAEL S	SYNAPTONEMAL AND LAMINA-PORE COMPLEXES IN SPERMATOCYTES	35,630
INSTITUTION TOTAL	7	307,590	
FORDHAM UNIVERSITY			
1S03 RR03271-01	CLARKE, DONALD D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
MANHATTAN COLLEGE			
1R01 AG03070-01	NOBERINI, MARY R	PSYCHOSOCIAL ASPECTS OF ADULT SIBLING RELATIONSHIPS	44,536
INSTITUTION TOTAL	1	44,536	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1R01 CA31643-01	MARTINI, NAEL	MULTIMODAL THERAPY IN OPERABLE ESOPHAGEAL CARCINOMA	83,516
1R01 CA32301-01	MILLER, DENIS R	NEUROPSYCHOLOGIC THERAPY EFFECT--CHILDHOOD AL LEUKEMIA	28,141
INSTITUTION TOTAL	2	111,657	
MONTEFIORE HOSPITAL AND MEDICAL CENTER			
1R01 CA32345-01	KOSS, LEOPOLD G	COMPUTER IMAGE ANALYSIS OF CELLS IN UROTHELIAL CANCER	159,198
1S03 RR03237-01	SIDEL, VICTOR W	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	162,198	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE			
1S03 RR03281-01	MALITZ, S	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
NEW YORK UNIVERSITY			
1R01 GM30701-01	ADESNIK, MILTON B	STRUCTURE AND REGULATION OF CYTOCHROME P-450 GENES	104,919
1R01 HD16182-01	BEERS, WILLIAM H	CELL TO CELL COMMUNICATION, CAMP, AND OOCYTE MATURATION	101,530
1R01 AI19015-01	CLARKSON, ALLEN B, JR	RHEUMATOID FACTOR ROLE IN PARASITIC INFECTION	45,261
1R01 AI18571-01	ELSBACH, PETER	NEUTROPHILS AND BACTERIAL PHOSPHOLIPID DEGRADATION	86,547
1R23 EY04141-01	EVINGER, LESLIE C	ROLE OF OCULOMOTOR INTERNUCLEAR NEURONS IN EYE MOVEMENTS	34,338
1R01 NS17973-01	GARDNER, ESTHER P	COGNITIVE AND NEURAL MECHANISMS OF TACTILE PERCEPTION	86,456
1R01 AM30162-01	GERSHENGORN, MARVIN C	THYROID HORMONE ACTION IN THYROTROPIC CELLS	84,043
1R01 AI18676-01	KORCHAK, HELEN M	ACTIVATION OF THE HUMAN NEUTROPHIL	72,108
1R01 AG03051-01	REISBERG, BARRY	AGING AND DEMENTIA: LONGITUDINAL COURSE OF SUBGROUPS	85,409
1R01 LM03933-01	SAGER, NAOMI	APPLICATIONS OF MEDICAL LANGUAGE PROCESSING	103,104
INSTITUTION TOTAL	10	803,715	
POPULATION COUNCIL			
1R01 HD16105-01	JANNE, OLLI A	REGULATION OF PROGESTIN ACTION IN THE RABBIT UTERUS	99,940
INSTITUTION TOTAL	1	99,940	
ROCKEFELLER UNIVERSITY			
1R23 AI18637-01	BLAKE, MILAN S	FUNCTIONAL ASPECTS OF MAJOR GONOCOCCAL SURFACE PROTEINS	32,902
1R01 GM30245-01	BLOBEL, GUNTER K	THE MOLECULAR BIOLOGY OF THE NUCLEAR ENVELOPE	92,259
1R01 AM30583-01	HIRSCH, JULES	METABOLIC-HYPOTHALAMIC STATUS IN HUMAN OBESITY	207,505
1R01 NS17991-01	NOTTEBOHM, FERNANDO	VOCAL LEARNING-MODEL FOR NEURONAL BASIS OF COGNITION	62,158
1R01 NS17808-01	SCHOR, ROBERT H	VESTIBULOSPINAL REFLEXES	39,101
1R01 HL27186-01A1	SCOTT, WILLIAM A	LEUKOTRIENE SYNTHESIS IN INFLAMMATORY CELLS	76,422
1R01 HD16078-01	STRICKLAND, SIDNEY	GENE REGULATION IN TERATOCARCINOMA AND EMBRYONIC CELLS	76,656
INSTITUTION TOTAL	7	587,003	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1R01 AG02814-01A1	INCEFY, GENEVIEVE S	T-LYMPHOCYTE DIFFERENTIATION IN AGING	54,758
1S03 RR03260-01	MARKS, PAUL A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 CA31525-01	MERLUZZI, VINCENT J	IMMUNOPHARMACOLOGY	56,862
1R01 CA31491-01	O'DONNELL, PAUL V	KINETIC STUDY OF VIRUS-ACCELERATED LEUKEMIA IN AKR MICE	76,254
1R01 CA31088-01A1	PINSKY, CARL M	LOCAL IMMUNOTHERAPY FOR SUPERFICIAL BLADDER TUMORS	47,647
1R01 HD16782-01	SINISCALCO, MARCELLO	MOLECULAR MAPPING OF THE HUMAN SEX CHROMOSOMES	93,468
INSTITUTION TOTAL	6	331,989	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
NEW YORK				
ST. LUKE'S-ROOSEVELT HOSPITAL CENTER				
1R01 HL27204-01A1	TURITTO, VINCENT T		THE ROLE OF RED CELLS IN HEMOSTASIS AND THROMBOSIS	45,381
INSTITUTION TOTAL	1	45,381		
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER				
1R01 NS18356-01	FARB, DAVID H		BENZODIAZEPINES AS FUNCTIONAL MODULATORS OF GABA ACTION	74,861
1R01 HD16504-01	HELBIG, DONALD W		COMPONENTS OF EFFECTIVE FERTILITY REGULATION	315,832
1R01 AM30537-01	OJAKIAN, GEORGE K		KIDNEY MEMBRANES WITH MONOCLONAL ANTIBODIES	68,590
1R01 NS18438-01	STRACHER, ALFRED		MYOSIN HEAVY CHAIN VARIANT IN AVIAN DYSTROPHY	70,114
INSTITUTION TOTAL	4	529,397		
STATE UNIVERSITY OF NEW YORK--STATE COLLEGE OF OPTOMETRY				
1R03 EY04217-01	KRUGER, PHILIP B		STIMULUS TO ACCOMMODATION UNDER "OPEN-LOOP" CONDITIONS	9,637
INSTITUTION TOTAL	1	9,637		
YESHIVA UNIVERSITY				
1R01 HL28203-01	BRIEHL, ROBIN W		KINETICS & ASSEMBLY OF HEMOGLOBIN S FIBERS & GELS	125,805
1R01 GM30333-01	CHILDS, GEOFFREY J		MOBILIZATION OF TANDEM REPETITIVE GENE FAMILIES	72,000
1R01 AM30672-01	FABRY, MARY E		THE NON-ENZYMATIC MODIFICATION OF PROTEINS BY SUGARS	44,236
1R01 HL27167-01A1	FORMAN, ROBERT		EXTENSION OF MYOCARDIAL INFARCTION	76,924
1R01 CA32605-01	SHAFRITZ, DAVID A		HEPATITIS B VIRUS - CHRONIC HEPATITIS - LIVER CANCER	103,180
1R01 CA32551-01	STANLEY, EVAN R		HEMOPOIETIC STEM CELL DIFFERENTIATION TO MACROPHAGES	20,412
INSTITUTION TOTAL	6	442,557		
CITY TOTAL	73	5,233,342		
POUGHKEEPSIE				
INDIVIDUAL AWARD--MORA, GEORGE				
1R01 LM03899-01	MORA, GEORGE		ENGLISH TRANSLATION OF CHIARUGI'S "ON INSANITY" (1793)	12,375
INSTITUTION TOTAL	1	12,375		
CITY TOTAL	1	12,375		
ROCHESTER				
UNIVERSITY OF ROCHESTER				
1R23 HL28186-01	ABBOUD, CAMILLE N		HUMAN CELL LINE ERYTHROPOIESIS ENHANCING ACTIVITY	36,375
1R23 AM30460-01	FREEDMAN, ZACHARY R		CYTOTOXIC ISLET ANTIBODIES IN TYPE 1 DIABETES MELLITUS	33,485
1R01 GM29686-01	HINKLE, DAVID C		ENZYMATIC MECHANISM OF YEAST DNA REPLICATION	50,242

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R23 AG03254-01	MC NEILL, THOMAS H	HISTOCHEMICAL STUDIES OF THE AGED BASAL GANGLIA	32,825
1R01 CA32374-01	MULCAHY, R TIMOTHY	RADIATION SENSITIZERS/INTERACTIONS WITH OTHER MODALITIES	56,599
1R01 EY04118-01	PASTERNAK, TATIANA	REVERSAL OF EXPERIMENTAL AMBLYOPIA IN ADULTS	66,130
1R01 CA32514-01	PRAKASH, SATYA	REPAIR OF DNA DAMAGED BY PSORALEN + 360 NM IRRADIATION	51,187
1R23 AM28420-01A1	PUZAS, J EDWARD	EXTRARENAL METABOLISM OF 25-HYDROXYVITAMIN D3	36,122
1R01 GM29805-01	SENIOR, ALAN E	OSCP AND F6--TWO SUBUNITS OF MITOCHONDRIAL ATPASE	44,681
1R01 HL28172-01	SLADEK, CELIA D	REGULATION OF VASOPRESSIN RELEASE IN HYPERTENSION	63,105
1R01 NS17652-01A1	STERNBERGER, NANCY H	IMMUNOCYTOCHEMISTRY OF DEMYELINATION AND REMYELINATION	73,987
1R01 HL28312-01	SUNDARESAN, PAVUR R	CARDIOVASCULAR ADRENERGIC RECEPTORS IN DIABETES	62,206
INSTITUTION TOTAL	12	606,944	
CITY TOTAL	12	606,944	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R01 NS18401-01	BULLOCH, KAREN	NEUROIMMUNOLOGY OF THE THYMUS GLAND	52,320
1R23 AM30394-01	DIXON, TROY E	THE ROLE OF CELLULAR METABOLISM IN URINARY ACIDIFICATION	36,129
1R01 NS18218-01	HALEGOUA, SIMON	MOLECULAR MECHANISMS OF NEURONAL DIFFERENTIATION	72,354
1R01 EY04091-01	HUMPHREY, ALLEN L	STRUCTURE/FUNCTION RELATIONSHIPS IN VISUAL CORTEX	59,127
1S03 RR03261-01	JORDAN, ALDUSTUS E	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HL28183-01	PEERSCHKE, ELLINOR I	PLATELET INTERACTIONS WITH FIBRINOGEN AND CALCIUM	36,567
1R01 EY0408 -01A1	STANFORD, LAURENCE R	STRUCTURE/FUNCTION CORRELATION IN RETINAL GANGLION CELLS	51,808
INSTITUTION TOTAL	7	311,305	
CITY TOTAL	7	311,305	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
1R01 NS18291-01	HOREL, JAMES A	NEUROANATOMY OF MEMORY	43,344
1R01 HD15986-01	KRONMAN, MARTIN J	THE ROLE OF METAL IONS IN LACTOSE SYNTHETASE ACTION	78,833
1R01 NS18265-01	MALMGREN, LESLIE T	LARYNGEAL MUSCLE TOPOGRAPHY: HISTOCHEMISTRY AND E.M.	48,073
1R01 HL27645-01	TORRETTI, JORGE A	RENIN MOBILIZATION IN OUTER AND INNER RENAL CORTEX	41,768
1R01 HD17060-01	TURNER, DAVID C	BIOCHEMISTRY OF MUSCLE MORPHOGENESIS	88,909
1R23 AI19473-01	WALENGA, RONALD W	PHOSPHOLIPID METABOLISM IN PHAGOCYTE RESPONSES	31,968
INSTITUTION TOTAL	6	332,895	
CITY TOTAL	6	332,895	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
1R01 GM29702-01	WILSON, DWIGHT E, JR	RNASE DETECTION SYSTEMS	6,000

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
TROY				
RENSSELAER POLYTECHNIC INSTITUTE				
1S03 RR03285-01	ZUBER, PAUL B		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	9,000		
CITY TOTAL	2	9,000		
UTICA				
MASONIC FOUNDATION FOR MEDICAL RESEARCH AND HUMAN WELFARE				
1R01 HL25955-01A2	CERNY, LAWRENCE C		SOME POTENTIAL BLOOD SUBSTITUTES	48,442
INSTITUTION TOTAL	1	48,442		
CITY TOTAL	1	48,442		
VALHALLA				
NEW YORK MEDICAL COLLEGE				
1R23 HL28870-01	BELLONI, FRANCIS L		VASOACTIVE ADENOSINE RELEASE FROM LIVER AND HEART CELLS	33,863
1S03 RR03231-01	CLEMENDOR, ANTHONY A		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AM29742-01	IBRAHIM, NADER G		THE ROLE OF ENVIRONMENTAL AGENTS ON HEME METABOLISM	29,124
1R23 HL27967-01	SPOKAS, ERIC G		ANTIHYPERTENSIVE PROSTAGLANDIN MECHANISMS	32,801
INSTITUTION TOTAL	4	98,793		
CITY TOTAL	4	98,793		
STATE TOTAL	137	8,463,893		
NORTH CAROLINA				
CHAPEL HILL				
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
1R01 CA31715-01	CAPIZZI, ROBERT L		PHARMACOLOGICAL DETERMINANTS AFFECTING CLINICAL TRAILS	109,841
1R03 EY04334-01	COHEN, KENNETH L		ANALYSIS OF CORNEAL SURFACE AFTER TRANSPLANTATION	15,000
1R01 GM30180-01	EDGELL, MARSHALL H		SEQUENCE ELEMENTS IN THE MOUSE	63,480
1R01 CA29125-01A1	GILLESPIE, GEORGE Y		MONOCLONAL ANTIBODIES TO GLIOMA CELL SURFACE ANTIGENS	64,086
1R01 HL28306-01	GWYNNE, JOHN T		ADRENAL METABOLISM OF HIGH DENSITY LIPOPROTEINS	71,580
1R01 CA31733-01	KAUFMAN, DAVID G		PROMOTION OF CHEMICAL CARCINOGENESIS IN UTERINE TISSUE	88,780
1R01 CA29115-01A1	MAHALEY, M STEPHEN, JR		EXPERIMENTAL THERAPY STUDIES IN THE ASV GLIOMA MODEL	30,900
1R01 HL28601-01	ORRINGER, EUGENE P		PHYSIOLOGY OF MEMBRANE TRANSPORT IN NORMAL AND SS RBC	58,648
1R01 HD16159-01	PRANGE, ARTHUR J, JR		MECHANISMS OF OXYTOCIN-INDUCED MATERNAL BEHAVIOR	60,481
1R01 HD16336-01	SALING, PATRICIA M		FUNCTION OF SPERM MEMBRANE AUTOANTIGENS IN FERTILIZATION	62,624
1S03 RR03267-01	SHUGARS, DANIEL A		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AM30863-01	WINFIELD, JOHN B		AUTOANTIBODIES TO ACTIVATED LYMPHOCYTES IN SLE	93,875
INSTITUTION TOTAL	12	722,295		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	12	722,295	
NORTH CAROLINA			
CHARLOTTE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE			
1R01 HD15914-01	GOOLKASIAN, PAULA	PAIN REACTION IN DYSMENORRHEIC AND PREGNANT WOMEN	29,121
INSTITUTION TOTAL	1	29,121	
CITY TOTAL	1	29,121	
DURHAM			
DUKE UNIVERSITY			
1R01 AI18613-01	BUCKLEY, REBECCA H	LYMPHOCYTE RESPONSES IN IMMATURITY AND IMMUNODEFICIENCY	74,594
1R03 EY04208-01	COBO, L MICHAEL	MORPHOLOGY OF POST SURGICAL LENS CAPSULE OPACIFICATION	14,725
1R23 NS18187-01	LEWIS, DARRELL V	NEUROTRANSMITTER MODULATION OF INTRACELLULAR CALCIUM	29,092
1R23 EY04143-01	MC CASLIN, DARRELL R	STRUCTURE & FUNCTION OF THE VISUAL PIGMENT, RHODOPSIN	35,451
1R01 EY04480-01	MC CLAY, DAVID R	CELL SURFACE MOLECULES IN EMBRYONIC CELL ADHESION	83,210
1R01 NS18228-01	SCHACHAT, FREDERICK H	PATTERNS OF GENE EXPRESSION IN MAMALIAN MUSCLE FIBERS	85,683
1R01 GM30343-01	STERNBACH, DANIEL D	CHIRAL SYNTHESIS: METHYLENOMYCIN & PEDERIN	63,098
INSTITUTION TOTAL	7	385,853	
CITY TOTAL	7	385,853	
ELIZABETH CITY			
UNIVERSITY OF NORTH CAROLINA SYSTEM--ELIZABETH CITY STATE UNIVERSITY			
1S03 RR03310-01	TURNAGE, CURTIS D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
RALEIGH			
NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES--DOROTHEA DIX HOSPITAL			
1R01 HD15702-01	HALL, WARREN G	REWARD AND LEARNING MECHANISMS IN INFANCY	26,880
INSTITUTION TOTAL	1	26,880	
CITY TOTAL	1	26,880	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
1R01 NS18288-01	DEADWYLER, SAMUEL A	EVENT RELATED EVOKED POTENTIALS IN DENTATE GYRUS	44,036

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA				
WINSTON-SALEM				
WAKE FOREST UNIVERSITY				
1R01 GM29611-01	THOMAS, MICHAEL J		OXYGEN AND OXY-RADICALS IN PHAGOCYTIC KILLING	42,839
INSTITUTION TOTAL	2	86,875		
CITY TOTAL	2	86,875		
STATE TOTAL	24	1,254,024		
NORTH DAKOTA				
FARGO				
NORTH DAKOTA STATE UNIVERSITY				
1S07 RR07206-01	KLEPAC, ROBERT K		BIOMEDICAL RESEARCH SUPPORT GRANT	16,975
INSTITUTION TOTAL	1	16,975		
CITY TOTAL	1	16,975		
GRAND FORKS				
UNIVERSITY OF NORTH DAKOTA				
1R01 HL28217-01	SAARI, JACK T		INFLAMMATORY AGENTS AND HEART CAPILLARY PERMEABILITY	38,064
INSTITUTION TOTAL	1	38,064		
CITY TOTAL	1	38,064		
STATE TOTAL	2	55,039		
OHIO				
ATHENS				
OHIO UNIVERSITY ATHENS				
1R01 AM30132-01	HOWELL, JOHN N		T-TUBULAR CONDUCTION IN SKELETAL MUSCLE	46,402
INSTITUTION TOTAL	1	46,402		
CITY TOTAL	1	46,402		
CINCINNATI				
CHILDREN'S HOSPITAL MEDICAL CENTER				
1R01 AM31054-01	CLARK, LELAND C, JR		LONG-TERM STABLE GLUCOSE SENSOR FOR DIABETES	72,824
1R01 HD16094-01	HEUBI, JAMES E		POSTNATAL DEVELOPMENT OF BILE SALT TRANSPORT	39,200
INSTITUTION TOTAL	2	112,024		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
CHRIST HOSPITAL			
1R01 AI18647-01	WECHSLER, STEVEN L	BIOCHEMISTRY OF MEASLES VIRUS PERSISTENT INFECTIONS	49,948
INSTITUTION TOTAL	1	49,948	
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1R01 CA31797-01	ARMENTROUT, RICHARD W	VIRAL PROBE OF TUMOR-SPECIFIC DNA REPLICATION FACTOR	50,253
1R03 EY04348-01	BUBEL, H. CURT	A VACCINE AGAINST HERPES SIMPLEX VIRUS OCULAR INFECTIONS	15,000
1R23 HL28902-01	EPPS, DENNIS E	LIPID AMIDES IN MYOCARDIAL ISCHEMIA AND INFACTION	32,058
1R01 NS17975-01	TORNHEIM, PATRICIA A	CEREBRAL EDEMA OF CLOSED HEAD INJURY	60,000
1R23 HL28667-01	WHITMER, KYRA R	ISOLATION OF AN ENDOGENOUS DIGITALIS-LIKE SUBSTANCE	34,435
1R01 HL28623-01	WHITSETT, JEFFREY A	REGULATION OF SURFACTANT RELEASE IN TYPE II LUNG CELL	34,377
INSTITUTION TOTAL	6	226,123	
CITY TOTAL	9	388,095	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1S03 RR03272-01	BOULDING, MARGARET E	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R23 NS18361-01	BRADY, SCOTT T	AGING CHANGES IN SUBCLASSES OF NEURONAL TUBULIN	36,000
1R01 HL28386-01	DAVIS, PAMELA B	MEMBRANE ABNORMALITIES IN CYSTIC FIBROSIS	67,978
1R22 AI18471-01	ELLNER, JERROLD J	IMMUNOSUPPRESSION IN MYCOBACTERIAL DISEASES	73,090
1R01 AG03209-01	GILMORE, GROVER C	PROCESSING IN AGING: GLOBAL FORM ANALYSIS DEFICIT	37,333
1R23 HL28348-01	GORDON, ERLINDA M	HIGH HAGEMAN FACTOR TITERS IN ORAL CONTRACEPTIVE USERS	36,375
1R01 HL28275-01	HASSID, AVIV I	PROSTAGLANDIN - CYCLIC NUCLEOTIDE INTERACTIONS	57,758
1R23 AM28324-01A1	LEDERMAN, MICHAEL M	IMMUNOPATHOGENESIS OF INSULIN DEPENDENT DIABETES	32,768
1R01 HD15945-01	LUNDGREN, DAVID W	METABOLISM OF PUTRESCINE TO 5-HYDROXY-2-PYRROLIDONE	65,512
1R01 CA32126-01	MC COY, GEORGE D	ROLE OF ETHANOL IN THE ETIOLOGY OF HEAD AND NECK CANCER	51,900
1R01 HD15778-01A1	PATEL, MULCHAND S	REGULATION OF COA-TRANSFERASE IN DEVELOPING BRAIN	65,656
1R01 AG03178-01	ROYER, FRED L	PROCESSING DEFICIT IN AGING--A TRANSIENT CHANNEL PROBLEM	32,401
1R01 CA31973-01	WENTZ, WILLIAM B	SEXUALLY TRANSMITTED DISEASE IN UTERINE CARCINOGENESIS	114,039
INSTITUTION TOTAL	13	673,810	
CLEVELAND CLINIC FOUNDATION			
1R01 HL24100-01A2	FERRARIO, CARLOS M	ROLE OF THE AREA POSTREMA IN RENAL HYPERTENSION	80,524
INSTITUTION TOTAL	1	80,524	
CITY TOTAL	14	754,334	
COLUMBUS			
OHIO STATE UNIVERSITY			
1R01 HL28144-01	ALBEN, JAMES O	MOLECULAR CONTROL IN CYTOCHROME C OXIDASE	74,085

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR			TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO					
COLUMBUS					
OHIO STATE UNIVERSITY					
1R01 AM30694-01	BIAGI, BRUCE A			CELLULAR PD AND ION ACTIVITIES IN RENAL PROXIMAL TUBULES	83,794
1R01 NS18028-01	BISHOP, GEORGIA A			ANALYSIS OF LOCAL CIRCUITRY IN THE INFERIOR OLIVE	46,008
1R03 EY04231-01	GOOD, GREGORY W			THE TRANSIENT VISUAL EVOKED RESPONSE IN AMBLYOPIA	11,755
1R01 CA31547-01	OLSEN, RICHARD G			IMMUNOSUPPRESSIVE PROPERTIES OF RETROVIRUS PROTEIN	77,606
1R03 EY04241-01	PARA, MICHAEL F			STRAIN DIFFERENCES IN HERPES KERATITIS AND LABIALIS	15,000
1R01 CA31564-01	YATES, ALLAN J			ROLE OF GLYCOLIPIDS IN GLIOMA RESISTANCE TO CYTOLYSIS	81,941
INSTITUTION TOTAL		7	390,189		
CITY TOTAL		7	390,189		
KENT					
KENT STATE UNIVERSITY AT KENT					
1R01 DE06294-01	HIRSCHMAN, RICHARD			EFFECTS OF PHYSIOLOGICAL FEEDBACK ON DENTAL FEAR	58,576
INSTITUTION TOTAL		1	58,576		
CITY TOTAL		1	58,576		
OBERLIN					
OBERLIN COLLEGE					
1R01 CA32045-01	HERD, ZANA L			MONOCLONAL ANTIBODY ANALYSIS AND THERAPY OF B16 MELANOMA	33,491
INSTITUTION TOTAL		1	33,491		
CITY TOTAL		1	33,491		
OXFORD					
MIAMI UNIVERSITY OXFORD					
1R01 HL28069-01	SMITH, JOSEPH D			REGULATION OF PHOSPHOLIPID BIOSYNTHESIS IN TETRAHYMENA	47,459
INSTITUTION TOTAL		1	47,459		
CITY TOTAL		1	47,459		
ROOTSTOWN					
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE					
1R01 NS18369-01	FISH, STEPHEN E			INDUCED CHANGES IN THE TECTUM OF BLIND AND SIGHTED FISH	22,000
1R01 GM27675-01A1	STEGGLES, ALAN W			THE REGULATION OF CYTOCHROME P-450-LM2 MRNA SYNTHESIS	40,400
INSTITUTION TOTAL		2	62,400		
CITY TOTAL		2	62,400		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
1R01 AG02776-01A1	FABER, LEE E	PROGESTERONE RECEPTORS IN THE AGING PROSTATE	87,778
1R01 NS17848-01	PEARLMUTTER, ANNE F	MECHANISMS OF VASOPRESSIN ACTION IN THE BRAIN	72,418
INSTITUTION TOTAL	2	160,196	
UNIVERSITY OF TOLEDO			
1R01 AI18427-01	KOMUNIECKI, RICHARD W	VOLATILE ACID FORMATION BY PARASITIC HELMINTHS	52,347
INSTITUTION TOTAL	1	52,347	
CITY TOTAL	3	212,543	
STATE TOTAL	39	1,993,489	
OKLAHOMA			
DURANT			
SOUTHEASTERN OKLAHOMA STATE UNIVERSITY			
1S03 RR03265-01	EGGLETON, GORDON L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
NORMAN			
UNIVERSITY OF OKLAHOMA NORMAN			
1R01 CA31265-01	O'NEAL, STEVEN G	CATION TRANSLOCATION IN NORMAL AND TUMOR CELLS	60,277
INSTITUTION TOTAL	1	60,277	
CITY TOTAL	1	60,277	
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
1S03 RR03249-01	THURMAN, WILLIAM G	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1R03 EY04275-01	ROWSEY, J JAMES	TREATMENT OF EPITHELIAL DOWNGROWTH IN AN ANIMAL MODEL	14,346
INSTITUTION TOTAL	1	14,346	
CITY TOTAL	2	17,346	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA				
TULSA				
ORAL ROBERTS UNIVERSITY				
1S07 RR05868-01	GARRETT, SYDNEY A		BIOMEDICAL RESEARCH SUPPORT GRANT	14,689
INSTITUTION TOTAL	1	14,689		
CITY TOTAL	1	14,689		
STATE TOTAL	5	95,312		
OREGON				
CORVALLIS				
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY				
1R01 GM29336-01	ISENBERG, IRVIN		PULSE FLUOROMETRY	44,260
1R01 HD16102-01	SMOTHERMAN, WILLIAM P		FETAL LEARNING IN UTERO	28,774
INSTITUTION TOTAL	2	73,034		
CITY TOTAL	2	73,034		
EUGENE				
OREGON RESEARCH INSTITUTE				
1R01 AM31031-01	BIGLAN, ANTHONY		PSYCHOSOCIAL FACTORS IN DIABETES COMPLIANCE AND CONTROL	79,888
1R01 HD15825-01	BIGLAN, ANTHONY		SOCIAL INFLUENCE IN THE TRANSITION TO SMOKING	136,299
INSTITUTION TOTAL	2	216,187		
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON				
1R01 AM30155-01	HERBERT, EDWARD N		REGULATION OF EXPRESSION OF PRO-OPIOCORIN	97,308
1R01 NS17963-01	KIMMEL, CHARLES B		DEVELOPMENT OF CHARACTERIZED NEURONS	61,123
1R01 GM30027-01	SPRAGUE, GEORGE F, JR		GENETIC REGULATION OF YEAST CELL TYPE	76,092
INSTITUTION TOTAL	3	234,523		
CITY TOTAL	5	450,710		
MC MINNVILLE				
LINFIELD COLLEGE				
1R01 HL29551-01	ROBERTS, MICHAEL F		REFLEX AND LOCAL THERMAL CONTROL OF SKIN BLOOD FLOW	41,048
INSTITUTION TOTAL	1	41,048		
CITY TOTAL	1	41,048		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
PORTLAND			
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER			
1R01 NS18242-01	ROBERTSON, LEE T	CLIMBING FIBER TOPOGRAPHY EVOKED BY TACTILE STIMULATION	57,984
INSTITUTION TOTAL	1	57,984	
MEDICAL RESEARCH FOUNDATION OF OREGON			
1S03 RR03291-01	NORMAN, REID L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1R01 AI19013-01	CROSA, JORGE H	IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	59,821
1R01 HL28146-01	GREENBERG, BARRY H	LONG-TERM VASODILATOR THERAPY IN AORTIC INSUFFICIENCY	152,913
1R01 HL28399-01	ILLINGWORTH, D ROGER	ABETALIPOPROTEINEMIA AND HYPOBETALIPOPROTEINEMIA	48,178
1R23 CA33545-01	KAMOUN, MALEK	MACROPHAGE DIFFERENTIATION ANTIGENS AND HETEROGENEITY	37,120
1R01 HD15308-01A1	METCALFE, JAMES	OXYGEN AND THE DEVELOPMENT OF THE AVIAN EMBRYO	67,122
INSTITUTION TOTAL	5	365,154	
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY			
1S03 RR03324-01	SMEJTEK, PAVEL	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	8	429,138	
STATE TOTAL	16	993,930	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1R03 EY04232-01	MARFURT, CARL F	ANATOMICAL STUDIES OF THE CORNEAL INNERVATION	14,338
1R23 HD16399-01	MARKS, KEITH H	ENERGY BALANCE AND TRANSFORMATIONS IN THE NEWBORN	36,000
1R23 NS18039-01	YOUNG, RICHARD S K	PERINATAL BRAIN DAMAGE DUE TO BACTERIAL INFECTIONS	36,000
INSTITUTION TOTAL	3	86,338	
CITY TOTAL	3	86,338	
LANCASTER			
FRANKLIN AND MARSHALL COLLEGE			
1R01 HL28685-01	HARRIS, DANIEL C	THE CHEMISTRY OF IRON IN TRANSFERRIN AND FERRITIN	73,739
1R01 EY03898-01	OWENS, D ALFRED	THE SENSORY CONTROL OF VISUAL ACCOMMODATION	29,140
INSTITUTION TOTAL	2	102,879	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	102,879		
PENNSYLVANIA				
PHILADELPHIA				
CHILDREN'S HOSPITAL OF PHILADELPHIA				
1R01 HL28220-01	FRIEDMAN, HARVEY M		VIRUS AND IMMUNE INJURY TO VESSEL WALL CELLS	103,252
1R23 AM30891-01	SCHWARZ, STEVEN M		INTESTINAL MEMBRANE STRUCTURE AND FUNCTIONAL DEVELOPMENT	36,185
1R23 HL28157-01	SURREY, SAUL		HUMAN HEMOGLOBINOPATHIES--USE OF COSMID CLONING VECTORS	33,111
INSTITUTION TOTAL	3	172,548		
DREXEL UNIVERSITY				
1R01 HL28102-01	FERRONE, FRANK A		PHOTOLYSIS STUDIES OF SICKLE HEMOGLOBIN POLYMERIZATION	61,937
INSTITUTION TOTAL	1	61,937		
FOX CHASE CANCER CENTER				
1R01 CA32123-01	MASTRANGELO, MICHAEL J		AUGMENTATION OF HUMAN IMMUNITY BY CYCLOPHOSPHAMIDE	88,109
INSTITUTION TOTAL	1	88,109		
GRADUATE HOSPITAL				
1S07 RR05874-01	COX, ROBERT H		BIOMEDICAL RESEARCH SUPPORT GRANT	16,329
1R01 NS18663-01	SHANK, RICHARD P		METABOLISM AND REGULATION OF AMINO ACID TRANSMITTERS	27,116
INSTITUTION TOTAL	2	43,445		
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA				
1R01 AM28488-01A1	MARTINEZ-HERNANDEZ, A		COLLAGEN POLYMORPHISM IN NORMAL AND CIRRHOTIC LIVER	70,474
INSTITUTION TOTAL	1	70,474		
INSTITUTE FOR CANCER RESEARCH				
1R01 GM30236-01	RIGNEY, DAVID R		COMPARISON OF SIBLING CELLS	94,765
INSTITUTION TOTAL	1	94,765		
MEDICAL COLLEGE OF PENNSYLVANIA				
1R01 HL27665-01	ENGEL, TOBY R		ENCIRCLING VENTRICULOTOMY	32,121
1R23 AM30442-01	KENSLER, ROBERT W		STRUCTURE OF THICK FILAMENTS IN STRIATED MUSCLE	31,126
1R01 HD16484-01	ROSS, ALTA C		VITAMIN A TRANSPORT DURING LACTATION	42,252
INSTITUTION TOTAL	3	105,499		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
PENNSYLVANIA COLLEGE OF OPTOMETRY			
1R01 EY04113-01	ANDREWS, LARY D	MORPHOLOGICAL STUDIES OF OUTER SEGMENT RENEWAL	73,372
INSTITUTION TOTAL	1	73,372	
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE			
1R03 EY04254-01	MISANTONE, LOUIS J	FACTORS INFLUENCING OPTIC NERVE REGENERATION	15,000
INSTITUTION TOTAL	1	15,000	
PRESBYTERIAN-UNIVERSITY OF PENNSYLVANIA MEDICAL CENTER			
1R01 EY03984-01	ROCKEY, JOHN H	OCULAR MECHANISMS OF INFLAMMATORY DISEASES OF THE EYE	76,493
INSTITUTION TOTAL	1	76,493	
TEMPLE UNIVERSITY			
1S03 RR03327-01	HARRINGTON, GEORGE W	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 CA31503-01	JENSEN, DAVID E	NITROSOCIMETIDINE--DNA METHYLATION & CELLULAR RESPONSE	49,461
1R01 CA31641-01	LOTLIKAR, PRABHAKAR D	MODULATION OF MYCOTOXIN CARCINOGENESIS BY GLUTATHIONE	62,822
1R01 NS18429-01	SAFFRAN, ELEANOR M	THE PSYCHOLINGUISTIC ANALYSIS OF APHASIC SYNDROMES	74,958
1R01 HL27189-01A1	SINHA, ASRU K	REGULATION OF PLATELET FUNCTION BY PROSTAGLANDIN E1	40,788
1R01 HD16568-01	TANFER, KORAY	FERTILITY REGULATION AMONG ADULTS	236,497
1R01 HL28149-01	TUSZYNSKI, GEORGE P	THE ROLE OF PLATELET CYTOSKELETONS IN BLOOD COAGULATION	55,797
INSTITUTION TOTAL	7	523,323	
THOMAS JEFFERSON UNIVERSITY			
1R23 AM30558-01	CARO, JOSE F	INSULIN AND GLUCAGON IN HEPATOCYTES FROM UREMIC RATS	34,388
1R23 AM28303-01A1	PEIKIN, STEVEN R	ACTIONS OF CCK AND SERUM ON GALLBLADDER SMOOTH MUSCLE	32,665
1R01 HL28198-01	SMITH, J BRYAN	APPLICATION OF HPLC TO PLATELET-ACTIVATING FACTOR	50,607
1R01 HL28163-01	SPATH, JAMES A, JR	ENDOGENOUS AGENTS EFFECTING PULMONARY EDEMA	64,435
1R23 HL29152-01	WILLIAMS, STUART K	CARBOHYDRATE DEPENDENT MICROPINOCYTOSIS IN ENDOTHELIUM	36,375
INSTITUTION TOTAL	5	218,470	
UNIVERSITY OF PENNSYLVANIA			
1R01 NS18209-01	BARCHI, ROBERT L	MEMBRANE STUDIES IN 20,25-DIAZACHOLESTEROL MYOTONIA	92,050
1R21 AG02540-01	CRISTOFALO, VINCENT J	CELLULAR/MOLECULAR BIOLOGY OF AGING	42,380
1R01 HD15973-01	DELIVORIA-PAPADOPOULOS, MARI	TISSUE OXYGENATION AND MITOCHONDRIA RESPIRATORY ACTIVITY	76,490
1R01 HL28602-01	GELFAND, ROBERT	GAS DENSITY, HYPEROXIA, & RESPIRATORY REACTIVITY TO CO2	95,739
1R01 NS18362-01	HOGUE-ANGELETTI, RUTH A	NEUROFILAMENT STRUCTURE	69,398
1R23 AM30532-01	JENNINGS, ANTHONY S	THYROID HORMONE METABOLISM IN PERFUSED ORGANS	36,188
1R01 NS18078-01	JONES, STEPHEN C	CEREBRAL OXYGEN SUPPLY AND GLUCOSE METABOLISM IN HYPOXIA	58,322

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1R23 AM30220-01	KRAKAUER, KATHRIN A	IMMUNE COMPLEXES, SYNOVIAL CELLS & RHEUMATOID ARTHRITIS	32,400
1R01 HL28105-01	LITT, MITCHELL	DEVELOPMENT AND TESTING OF CLINICAL BLOOD VISCOMETER	32,472
1R01 HL28393-01	MOORE, E NEIL	THE ROLE OF INFARCT DISTRIBUTION IN ARRHYTHMOGENESIS	82,820
1R01 HL24966-01A2	NOORDERGRAAF, ABRAHAM	CARDIAC FUNCTION RELATED TO TIME-VARYING PARAMETERS	94,661
1R01 GM29754-01	OPELLA, STANLEY J	SOLID STATE NMR OF PEPTIDES	49,740
1R01 AG02758-01A1	PACIFICI, MAURIZIO	PROPERTIES OF CARTILAGE CELLS AGING IN VIVO AND IN VITRO	61,402
1R01 AG03128-01	ROSENWAIKE, IRA	DEMOGRAPHY OF THE EXTREME AGED	36,433
1R22 AI18554-01	RUBIN, DONALD H	REOVIRUS: GASTROINTESTINAL INFECTION AND IMMUNITY	89,993
1R01 HL27925-01	SIMSON, MICHAEL B	NONINVASIVE MARKER OF VENTRICULAR TACHYCARDIA	70,203
1R01 NS18254-01	SMITH, AMOS B, III	SYNTHESIS OF NOVEL TREMORGENIC AGENTS	49,508
1R23 AG03213-01	STARNES, JOSEPH W	EXERCISE AND DIET ON THE AGING PROCESS OF THE HEART	35,988
INSTITUTION TOTAL	18	1,106,187	
WILLS EYE HOSPITAL AND RESEARCH INSTITUTE			
1R01 EY04041-01	SHIELDS, JERRY A	MULTICENTER COLLABORATIVE STUDY OF UVEAL MELANOMA	97,405
INSTITUTION TOTAL	1	97,405	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 CA32311-01	DAMSKY, CAROLINE	CYTOSKELETON-MEMBRANE INTERACTION--ANTISERA INDUCED	58,339
1R01 CA31514-01	HALPERN, MICHAEL S	ONCORNAVIRUS-INDUCED IMMUNOSUPPRESSION	63,518
1R22 AI18562-01	WUNNER, WILLIAM H	CELL MEMBRANE RECEPTORS FOR VIRUSES	61,867
1R22 AI18883-01	WUNNER, WILLIAM H	STUDY OF NUCLEOTIDE SEQUENCES ENCODING ANTIGENIC SITES	62,387
INSTITUTION TOTAL	4	246,111	
CITY TOTAL	50	2,993,138	
PITTSBURGH			
ALLEGHENY HEALTH, EDUCATION AND RESEARCH CORPORATION--ALLEGHENY-SINGER RESEARCH CORPORATION			
1S03 RR03274-01	SCHIFFER, LEWIS M	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CARNEGIE-MELLON UNIVERSITY			
1R23 HD16049-01	HOTZ, VINCENT J	LIFE CYCLE FERTILITY AND MARRIED WOMEN'S TIME ALLOCATION	35,204
INSTITUTION TOTAL	1	35,204	
CHILDREN'S HOSPITAL OF PITTSBURGH			
1R01 HD14894-01A1	SCHUIT, KENNETH E	NEONATAL DEVELOPMENT OF NEUTROPHIL FUNCTION	43,075
INSTITUTION TOTAL	1	43,075	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
EYE AND EAR HOSPITAL OF PITTSBURGH			
1R03 EY04347-01	BURNS, STEPHEN A	A NEW TEST OF PHOTOPIGMENT KINETICS	9,300
INSTITUTION TOTAL	1	9,300	
MAGEE-WOMEN'S HOSPITAL			
1R01 HD16368-01	EDELSTONE, DANIEL I	REGULATION OF FETAL AND NEONATAL INTESTINAL OXYGENATION	61,139
INSTITUTION TOTAL	1	61,139	
UNIVERSITY OF PITTSBURGH			
1R23 LM03889-01	BANKS, GORDON	NEUROLOGIC CONSULTATION COMPUTER PROGRAM	35,725
1S03 RR03308-01	DIXIT, BALWANT N	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HD16411-01	EPSTEIN, LEONARD H	ENERGY BALANCE IN OBESE CHILDREN: PARENTAL CONTRIBUTIONS	67,663
1R01 CA31157-01	FISHER, BERNARD	CANCER PATIENT COMPLIANCE WITH THERAPEUTIC REGIMENS	96,126
1R01 AI18945-01	GLEW, ROBERT H	LEISHMANIA DONOVANI ACID PHOSPHATASE	36,621
1R01 GM30293-01	HOUK, KENDALL N	STEREOSELECTIVITIES OF SYNTHETIC ORGANIC REACTIONS	81,717
1R01 GM30588-01	JACOBSON, LEWIS A	BIOCHEMISTRY OF TRANSLATION CONTROL IN E COLI	35,079
1R01 AI17324-01A2	KOZIKOWSKI, ALAN P	TOTAL SYNTHESIS OF THE UNIQUE ANTIBIOTIC RUBRADIRINS	49,150
1R01 NS17138-01A1	NELSON, PAUL B	ANTIDIURETIC HORMONE IN INTRACRANIAL DISEASE	69,165
1R01 GM29776-01	SUSSMAN, MAURICE	BIOCHEMISTRY/GENETICS OF MORPHOGENESIS IN D DISCOIDEUM	65,435
INSTITUTION TOTAL	10	539,681	
CITY TOTAL	15	691,399	
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1S03 RR03318-01	STERN, ROBERT	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	1,500
INSTITUTION TOTAL	1	1,500	
CITY TOTAL	1	1,500	
STATE TOTAL	71	3,875,254	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
1R13 AG03184-01	FINCH, CALEB E	GORDON RESEARCH CONFERENCE ON AGING, FEBRUARY, 1982	24,384
1R13 HD16408-01	MENGE, ALAN C	GORDON RESEARCH CONFERENCE--THE MAMMALIAN GENITAL TRACT	4,320
INSTITUTION TOTAL	2	28,704	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND				
KINGSTON				
UNIVERSITY OF RHODE ISLAND				
1R01 AI18404-01	SPERRY, JAY F		BACTEROIDES, VIRULENCE FACTORS FOR INDUCING ABSCESSES	25,662
INSTITUTION TOTAL	1	25,662		
CITY TOTAL	3	54,366		
PAWTUCKET				
MEMORIAL HOSPITAL				
1S03 RR03269-01	LASATER, THOMAS M		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
PROVIDENCE				
BROWN UNIVERSITY				
1R01 GM30301-01	CANE, DAVID E		STEREOCHEMICAL STUDIES OF ISOPRENOID BIOSYNTHESIS	66,000
1R01 CA31706-01	CHA, SUNGMAN		CANCER CHEMOTHERAPY AND PYRIMIDINE SALVAGE ENZYMES	50,445
1R01 CA31650-01	CHU, SHIH-HSI		SUGAR PHOSPHATE ANALOGS IN CANCER CHEMOTHERAPY	43,850
INSTITUTION TOTAL	3	160,295		
MIRIAM HOSPITAL				
1S03 RR03317-01	ZACKS, SUMNER I		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	4	163,295		
STATE TOTAL	8	220,661		
SOUTH CAROLINA				
CHARLESTON				
MEDICAL UNIVERSITY OF SOUTH CAROLINA				
1R01 HL26445-01A1	FISH, WAYNE W		MODULATION AND MECHANISM OF ACTION OF ANTITHROMBIN	35,123
1R01 AM30431-01	LEROY, E CARWILE		A STUDY OF SCLERODERMA	97,532
1P30 EY04064-01	LUND, RAYMOND D		CORE GRANT FOR VISION RESEARCH	100,144
1R01 HD16106-01	MC DONALD, JOHN K		HORMONE-RESPONSIVE PROTEASES OF REPRODUCTIVE TISSUES	71,979
1R23 HL28936-01	THOMPSON, ROBERT P		CYTODIFFERENTIATION IN CARDIAC TRUNCAL MORPHOGENESIS	32,393
INSTITUTION TOTAL	5	337,171		
CITY TOTAL	5	337,171		

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA				
COLUMBIA				
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA				
1R01 HD16283-01	BOLANDER, FRANKLYN F, JR		IMPRINTED CHANGES IN MAMMARY EPITHELIUM FROM PAROUS MICE	59,919
1R01 AG02664-01A1	BUNN, CLIVE L		GENETICS AND BIOCHEMISTRY OF AGING IN HUMAN CELLS	56,732
1R23 HD16425-01	PRINZ, RONALD J		SUCROSE INTAKE AND NUTRITIONAL EFFECTS ON CHILD BEHAVIOR	35,091
INSTITUTION TOTAL	3	151,742		
CITY TOTAL	3	151,742		
STATE TOTAL	8	488,913		
TENNESSEE				
COOKEVILLE				
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--TENNESSEE TECHNOLOGICAL UNIVERSITY				
1R03 EY04300-01	SWINDELL, ROBERT T		STUDY OF GANGLIOSIDES IN NORMAL AND CATARACTOUS LENSES	15,000
INSTITUTION TOTAL	1	15,000		
CITY TOTAL	1	15,000		
KNOXVILLE				
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE				
1S03 RR03326-01	BRIAN, DAVID A		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HD14505-01A1	CHEN, THOMAS T		RECEPTOR INTERACTING DURING DESENSITIZATION & LUTEOLYSIS	48,608
1R01 GM29818-01	OLINS, DONALD E		STRUCTURAL STUDIES OF NUCLEOSOMES	60,765
INSTITUTION TOTAL	3	112,373		
CITY TOTAL	3	112,373		
MEMPHIS				
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES				
1R01 EY04001-01	JERNIGAN, HOWARD M		BIOCHEMICAL STUDIES OF LENS DAMAGE AND CATARACT	52,574
1S03 RR03258-01	MEYER, MARVIN C		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	55,574		
CITY TOTAL	2	55,574		
NASHVILLE				
BILL WILKERSON HEARING AND SPEECH CENTER				
1R01 NS18284-01	OHDE, RALPH N		ACOUSTIC PROPERTIES OF OBSTRUENTS & VOWELS--CHILDREN	18,496
INSTITUTION TOTAL	1	18,496		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE				
NASHVILLE				
VANDERBILT UNIVERSITY				
1R23 HD16346-01	HUPP, SUSAN C		GENERALIZED OBJECT CONCEPT LEARNING BY RETARDED CHILDREN	30,134
1R01 HD16027-01	LIMBIRD, LEE E		HORMONAL REGULATION OF LH RECEPTOR SYNTHESIS	44,257
1R23 HL27169-01A1	PARKER, RICHARD E		ACUTE VS. CHRONIC ELEVATIONS OF LUNG FILTRATION FORCES	34,758
1R03 EY04239-01	PETRY, HEYWOOD M		INDUCTION OF MONOCHROMATIC CONE VISION IN TREE SHREWS	15,000
1R01 GM29375-01	POLAVARAPU, PRASAD L		VIBRATIONAL CIRCULAR DICHROISM STUDIES	84,390
1R03 EY04240-01	POWERS, MAUREEN K		DAILY FLUCTUATIONS IN HUMAN VISUAL SENSITIVITY	5,475
1R01 HD16453-01	RABIN, DAVID		CLINICAL ENDOCRINOLOGY OF LHRH ANALOGUES	104,974
1R01 AM30515-01	RABIN, DAVID		METABOLISM IN NORMAL, HYPERCORTISOLEMIC AND FASTING MAN	96,056
1R01 GM30861-01	WATTERSON, DANIEL M		MOLECULAR BASIS OF CALCIUM ACTION IN CELL PROCESSES	53,800
INSTITUTION TOTAL	9	468,844		
CITY TOTAL	10	487,340		
OAK RIDGE				
OAK RIDGE ASSOCIATED UNIVERSITIES				
1S03 RR03307-01	CRAGIE, DONNA L		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
CITY TOTAL	1	3,000		
STATE TOTAL	17	673,287		
TEXAS				
AUSTIN				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN				
1R01 GM30105-01	HACKERT, MARVIN L		STRUCTURE AND FUNCTION OF HISTIDINE DECARBOXYLASE	52,300
1R01 AI18594-01	MANDY, WILLIAM J		CELLULAR STUDIES OF LATENT IMMUNOGLOBULIN ALLOTYPES	73,532
1S03 RR03262-01	SMITH, ROBERT V		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	3	128,832		
CITY TOTAL	3	128,83[illegible]		
COLLEGE STATION				
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION				
1R23 HL28010-01	NORDSTROM, JEFFREY L		REGULATION OF THE GENE FOR HMG-COA REDUCTASE	33,044
1R23 AM30343-01	RAUSHEL, FRANK M		ARGININOSUCCINATE: BIOSYNTHESIS AND METABOLISM	36,188
INSTITUTION TOTAL	2	69,232		
CITY TOTAL	2	69,232		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
1R01 NS18041-01	CHAPIN, JOHN K	CENTRAL CONTROL OF SOMATIC SENSORY FUNCTIONS	51,024
1R01 HL28813-01	ERDOS, E	METABOLISM OF PEPTIDES BY HUMAN LUNG CONVERTING ENZYME	58,349
1R01 GM29935-01	GARRARD, WILLIAM T	FUNCTION OF THE SUBUNITS OF EUKARYOTIC CHROMOSOMES	85,980
1R01 ES02750-01	LEBOVITZ, ROBERT M	THE ELECTROMAGNETIC ENVIRONMENT--BEHAVIORAL STUDIES	151,301
1R01 HL27950-01	RUBIN, LEWIS J	PROSTAGLANDIN MODULATION OF PULMONARY VASCULAR TONE	23,525
1R01 CA31534-01	TUCKER, PHILIP W	ISOTYPE SWITCHING IN A NEOPLASTIC B CELL MODEL, BCL1	82,637
1R01 NS18081-01	WATERHOUSE, BARRY D	PHYSIOLOGY OF CNS BIOGENIC AMINES AND SEIZURE DISORDERS	50,215
INSTITUTION TOTAL	7	503,031	
CITY TOTAL	7	503,031	
DENTON			
NORTH TEXAS STATE UNIVERSITY			
1S03 RR03325-01	GRACY, ROBERT W	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
FORT WORTH			
TEXAS CHRISTIAN UNIVERSITY			
1R23 AG03161-01	HARTMAN, PHILIP S	RADIATION SENSITIVE MUTANTS OF THE NEMATODE C ELEGANS	30,167
INSTITUTION TOTAL	1	30,167	
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE			
1R01 AG03255-01	LACKO, ANDRAS G	STUDY OF AGE RELATED HYPERLIPIDEMIA IN RATS	56,218
INSTITUTION TOTAL	1	56,218	
CITY TOTAL	2	86,385	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
1R01 AM30046-01	BLALOCK, JAMES E	INTERFERON AND NEUROENDOCRINE FUNCTION	71,759
1R01 AM30440-01	FLYE, M WAYNE	HEPATOCYTE TRANSPLANTS IN LIVER FAILURE	58,485
1R23 HL28414-01	FORKERT, POH-GEK	1, 1-DICHLOROETHYLENE-INDUCED PULMONARY INJURY	33,754
1R01 NS17026-01	KONKEL, DAVID A	REGULATION OF MYOGLOBIN GENE EXPRESSION	69,775
1S03 RR03286-01	TREVINO, DANIEL L	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 GM30218-01	WEIGEL, PAUL H	ENDOCYTOSIS AND RECYCLING OF THE GALACTOSYL RECEPTOR	59,881
INSTITUTION TOTAL	6	296,654	
CITY TOTAL	6	296,654	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1R01 EY04149-01	ANDERSON, ROBERT E	ROLE OF LIPID PEROXIDATIONS IN RETINAL DEGENERATIONS	67,488
1R01 GM30348-01	HUANG, BESSIE P	GENETIC STUDIES OF FLAGELLAR DYNEIN ARMS	105,295
1R01 AI18462-01	HULL, RICHARD A	VIRULENCE FACTORS IN UROPATHOGENIC ENTEROBACTERIACEAE	50,847
1R01 NS18295-01	JOHNSTON, DANIEL	CELLULAR NEUROPHYSIOLOGY OF EXPERIMENTAL EPILEPSY	177,681
1R01 GM30204-01	KELLEMS, RODNEY E	REGULATION OF MRNA METABOLISM IN ANIMAL CELLS	92,796
1R01 CA32157-01	RANDERATH, KURT	32P-LABELING TEST FOR NUCLEIC ACID DAMAGE BY CARCINOGENS	125,003
1R01 HD16229-01	RICHARDS, JOANNE S	LH ACTION IN OVARIAN CELL DIFFERENTIATION	63,571
1R23 EY03932-01	TABOR, GARETH A	GLYCOPROTEIN SYNTHESIS: PHOTORECEPTORS	37,290
1R01 HL27509-01A1	WOO, SAVIO L C	THE ALPHA-1-ANTITRYPSINGENE AND PULMONARY EMPHYSEMA	67,022
1R01 EY04446-01	WU, SAMUEL M	PHYSIOLOGY & PHARMACOLOGY OF SYNAPSES IN DISTAL RETINA	75,110
INSTITUTION TOTAL	10	862,103	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON AT HOUSTON			
1R03 EY04243-01	KLEIN, STANLEY A	PROBING INTERACTIONS IN ERG AND VEP SOURCES	15,000
1S03 RR03239-01	WEINHEIMER, ALFRED J	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	2	18,000	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1R01 GM29955-01	CABRAL, FERNANDO R	GENETIC APPROACH TO MICROTUBULE FUNCTION IN CHO CELLS	70,471
1R01 HD16268-01	COHEN, GERALD	DOSE EFFICIENCY OPTIMIZATION IN PEDIATRIC RADIOGRAPHY	50,776
1R01 HL27954-01	DRAKE, ROBERT E	BASIC DETERMINANTS OF PULMONARY LYMPH FLOW	49,101
1R23 HL28216-01	GOLDSTEIN, RICHARD A	DETECTION OF MYOCARDIAL ISCHEMIA WITH LABELED PYRUVATE	36,375
1R01 HD14741-01A1	HEINDEL, JERROLD J	SERTOLI CELL MATURATION: PUBERTY VS RECRUDESCENCE	61,640
1R01 NS17130-01A1	MC CANDLESS, DAVID W	METABOLIC COMA AND CEREBRAL ENERGY METABOLISM	18,398
1R03 EY04199-01	MOORHEAD, LOUISE C	ENZYME-ASSISTED VITRECTOMY	14,454
1R01 HD16101-01	SCOTT, LARRY D	PREGNANCY, SEX STEROIDS, AND INTESTINAL MOTILITY	44,430
INSTITUTION TOTAL	8	345,645	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1R01 CA29614-01A1	ANDERSON, DAVID E	GENETICS OF BREAST CANCER	83,570
1R01 CA31487-01	LAPEYRE, JEAN-NUMA	REGULATION AND ENZYMOLOGY OF DNA METHYLASE IN CANCER	42,167
1R01 CA31394-01	LOTZOVA, EVA	EFFECT OF INTERFERON INDUCERS ON NK CELL CYTOTOXICITY	104,805
1R01 CA32064-01	STRONG, LOUISE C	IDENTIFICATION OF GENES PREDISPOSING TO CHILDHOOD CANCER	127,189
INSTITUTION TOTAL	4	357,731	
CITY TOTAL	24	1,583,479	
LUBBOCK			
TEXAS TECH UNIVERSITY			
1R01 NS17040-01A1	BARNES, CHARLES D	LOCUS COERULEUS EFFECTS ON SPINAL CORD	36,561

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS				
LUBBOCK				
TEXAS TECH UNIVERSITY				
1R01 HD15954-01	COGAN, ROSEMARY		IMPROVED PREMATURE LABOR OUTCOME WITH LABOR SUPPORT	18,071
1R23 EY03860-01	ROWLAND, JON M		CIRCADIAN RHYTHM IN IOP: NEUROENDOCRINOLOGY-PHARMACOLOGY	34,769
1R01 AG02731-01A1	YEE, JOHN A		IN VITRO STUDIES ON ISOLATED ENDOSTEAL BONE CELLS	47,774
INSTITUTION TOTAL	4	137,175		
CITY TOTAL	4	137,175		
SAN ANTONIO				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO				
1S03 RR03243-01	SILBER, HERBERT B		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO				
1R01 AI18768-01	ALDERETE, JOHN F		VIRULENCE DETERMINANTS OF TRICHOMONAS VAGINALIS	90,138
1R23 AM30393-01	BARNES, JEFFREY L		ROLE OF POLYCATIONIC MEDIATORS IN GLOMERULONEPHRITIS	32,906
1R01 HL28265-01	BISHOP, VERNON S		NEUROGENIC HYPERTENSION IN THE SUBHUMAN PRIMATE	75,926
1R01 LM03867-01	BOWDEN, VIRGINIA M		EVALUATION OF CURRENT MONOGRAPH HOLDINGS	19,700
1R13 NS17798-01	GATES, GEORGE A		NATIONAL CONFERENCE ON OTOLARYNGOLOGY RESEARCH	10,000
1R01 AG03168-01	KATZ, MICHAEL S		HORMONE-SENSITIVE LIVER ADENYLATE CYCLASES DURING AGING	57,195
1S03 RR03304-01	LAWRENCE, LEONARD E		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1S03 RR03305-01	MEDINA, MIGUEL A		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 HL27504-01	PROPPE, DUANE W		CONTROL OF THE CIRCULATION DURING THERMAL STRESS	39,144
1M01 RR01346-01	STEIN, JAY H		GENERAL CLINICAL RESEARCH CENTER	259,270
INSTITUTION TOTAL	10	590,279		
CITY TOTAL	11	593,279		
STATE TOTAL	60	3,401,067		
UTAH				
PROVO				
BRIGHAM YOUNG UNIVERSITY				
1R01 CA31783-01	ROBINS, ROLAND K		NUCLEOTIDE INHIBITORS OF TUMOR GLYCOSYLTRANSFERASES	54,500
INSTITUTION TOTAL	1	54,500		
CITY TOTAL	1	54,500		
SALT LAKE CITY				
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH				
1R01 CA29728-01	JOHNSON, STEVEN A		BREAST CANCER DETECTION BY ULTRASOUND TOMOGRAPHY	91,338

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R01 AM30534-01	KAPLAN, JERRY	FACTORS REGULATING CELLULAR UPTAKE OF IRON	43,449
1R03 EY04207-01	KIVLIN, JANE D	THE REFRACTIVE COMPONENTS OF THE EYE IN GROWTH DISORDERS	14,250
1R01 HL27962-01	KRUGER, ROBERT A	DIGITAL RECURSIVE FILTERING FOR FLUOROSCOPIC ANGIOGRAPHY	104,639
1R01 GM29984-01	MICHL, JOSEF	PHOTORESOLUTION AND RACEMIZATION KINETICS OF CONFORMERS	30,490
1R01 NS18378-01	MILLHOUSE, O EUGENE	THE INTRINSIC ANATOMY OF AMYGDALA AND ITS DEVELOPMENT	73,485
1R01 HL28165-01	NIELSON, DENNIS W	THE ALVEOLAR SUBPHASE IN LIVING LUNGS	37,238
1R01 NS18112-01	SCHOENWOLF, GARY C	RESEARCH ON NEURULATION	41,992
INSTITUTION TOTAL	8	436,881	
CITY TOTAL	8	436,881	
STATE TOTAL	9	491,381	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1P01 HL28001-01	ALPERT, NORMAN R	SUBCELLULAR ADAPTATION IN MYOCARDIAL HYPERTROPHY	343,103
1R22 AI18690-01	DOLIN, RAPHAEL	STUDIES OF NORWALK-LIKE AGENTS OF VIRAL GASTROENTERITIS	73,260
1R01 HL28480-01	HUBER, SALLY A	MECHANISMS OF VIRUS-INDUCED MYOCARDITIS	56,582
1R01 AM30235-01	MORELAND, MOREY S	THREE-DIMENSIONAL SHAPE MEASUREMENT IN SCOLIOSIS	71,663
1R01 HL28192-01	PATLAK, JOSEPH B	SINGLE CHANNEL CURRENTS FROM EXCISED MEMBRANE PATCHES	58,049
1R01 AM28480-01A1	STIREWALT, WILLIAM S	DIABETES EXERCISE AND MUSCLE PROTEIN TURNOVER IN VIVO	69,925
INSTITUTION TOTAL	6	672,582	
CITY TOTAL	6	672,582	
STATE TOTAL	6	672,582	
VIRGINIA			
BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
1S03 RR03245-01	PATERSON, ROBERT A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
1R01 AM30331-01	SMITH, DAVID F	ISOLATION OF OLIGOSACCHARIDES: SUGAR-BINDING PROTEINS	53,949
INSTITUTION TOTAL	2	56,949	
CITY TOTAL	2	56,949	
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R01 NS17827-01	BECKSTEAD, ROBERT M	INTRALAMINAR & NON-SPECIFIC THALAMIC RELATIONS TO CORTEX	56,911

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R01 HD16195-01	BERTENTHAL, BENNETT I	INFANT SENSITIVITY TO KINEMATIC INFORMATION	43,735
1R01 AM28288-01A1	COX, DANIEL J	SYMPTOMS AND BLOOD GLUCOSE: RELATIONSHIP AND UTILIZATION	46,188
1R01 HL28329-01	FORBES, MICHAEL S	DEVELOPMENT AND STRUCTURE OF MYOCARDIAL MEMBRANE SYSTEMS	21,341
1R01 HL28785-01	GUYENET, PATRICE G	BULBO-SPINAL CATECHOLAMINES AND SYMPATHETIC ACTIVITY	80,250
1R01 AM30302-01	JOHNSON, MICHAEL L	MOLECULAR MECHANISMS OF NEGATIVE COOPERATIVITY	41,302
1R01 CA31344-01	KAY, H DAVID	REGULATION OF HUMAN NATURAL KILLER LYMPHOCYTE ACTIVITY	79,151
1R01 AM27423-01A2	NISKANEN, EERO O	COLONY FORMING CELLS IN DIFFUSION CHAMBERS IN MICE	61,849
1R01 AI18482-01	PEARSON, RICHARD D	IMMUNE RESPONSES TO LEISHMANIA DONOVANI	65,209
1R23 AM30291-01	WHITEHILL, RICHARD	A BIOCHEMICAL ANALYSIS OF CERVICAL SPINE FUSIONS	35,705
INSTITUTION TOTAL	10	531,641	
CITY TOTAL	10	531,641	
NORFOLK			
EASTERN VIRGINIA MEDICAL AUTHORITY			
1R23 CA27623-01A2	STARLING, JAMES J	CHARACTERIZATION OF PROSTATE CELL PLASMA MEMBRANES	37,500
INSTITUTION TOTAL	1	37,500	
CITY TOTAL	1	37,500	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1R01 GM30250-01	EAVES, LINDON J	RESOLVING POWER OF KINSHIP ANALYSIS FOR GENETIC RESEARCH	14,523
1R23 AM30476-01	GLASS, THOMAS L	BIOTRANSFORMATION OF 16A-HYDROXYSTEROIDS BY GUT BACTERIA	34,688
1S03 RR03275-01	SMITH, ELSKE V	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	3	52,211	
CITY TOTAL	3	52,211	
STATE TOTAL	16	678,301	
WASHINGTON			
ISSAQUAH			
ISSAQUAH HEALTH RESEARCH INSTITUTE			
1R01 AI17375-01A1	STUART, KENNETH D	TRYPANOSOME VARIANT ANTIGEN GENES	86,304
INSTITUTION TOTAL	1	86,304	
CITY TOTAL	1	86,304	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
PULLMAN			
WASHINGTON STATE UNIVERSITY			
1R01 GM29963-01	HAZELBAUER, GERALD L	MOLECULAR STUDIES OF CHEMORECEPTION	76,892
1R01 CA32071-01	STARKEY, JEAN R	MECHANISMS OF TUMOR CELL INVASION AND EXTRAVASATION	36,256
INSTITUTION TOTAL	2	113,148	
CITY TOTAL	2	113,148	
SEATTLE			
BATTELLE MEMORIAL INSTITUTE			
1R01 HD16164-01	MARINI, MARGARET M	CONSEQUENCES OF THE TRANSITION TO ADULTHOOD	84,461
INSTITUTION TOTAL	1	84,461	
CHILDREN'S ORTHOPEDIC HOSPITAL AND MEDICAL CENTER			
1R01 CA31351-01	BLEYER, W ARCHIE	A RAT MODEL OF RADIATION-METHOTREXATE NEUROTOXICITY	46,271
INSTITUTION TOTAL	1	46,271	
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R01 CA29600-01A1	LEWIS, JAMES B	FUNCTIONS OF ADENOVIRUS PROTEINS IN TRANSFORMATION	104,011
INSTITUTION TOTAL	1	104,011	
SWEDISH HOSPITAL MEDICAL CENTER			
1R23 EY03951-01	GILLETTE, THOMAS E	IMMUNOBIOLOGY OF OCULAR SURFACE LANGERHANS CELLS	35,000
INSTITUTION TOTAL	1	35,000	
UNIVERSITY OF WASHINGTON			
1R01 CA31615-01	ADAMSON, JOHN W	GROWTH FACTORS IN NORMAL AND NEOPLASTIC HEMATOPOIESIS	93,835
1R01 EY03956-01	BOOTHE, RONALD G	MONKEY MODELS OF STRABISMUS	109,551
1R01 NS16792-01A1	CRILL, WAYNE E	MEMBRANE PROPERTIES OF MAMMALIAN NEOCORTICAL NEURONS	57,048
1R01 CA32010-01	DALING, JANET R	EPIDEMIOLOGY OF ANAL CANCER	80,821
1R01 HD14711-01A1	EDDY, E M	GLYCOLIPID SURFACE ANTIGEN OF SPERMATOGENIC CELLS	44,995
1R23 AM30238-01	HAMMOND, WILLIAM P	IN VITRO STUDY OF CYCLIC HEMATOPOIESIS	31,815
1R01 AI18649-01	HANDSFIELD, H HUNTER	CYTOMEGALOVIRUS EPIDEMIOLOGY AND SEXUAL TRANSMISSION	85,975
1R23 NS17839-01	HUANG, LI-YEN M	VOLTAGE CLAMP STUDIES OF SODIUM CHANNELS	36,000
1R01 HD14689-01A1	LITTLE, RUTH E	LACTATION: DIET, DRINKING, SMOKING AND INFANT GROWTH	294,044
1R01 HL28720-01	LUCHTEL, DANIEL L	MORPHOMETRY OF THE FETAL LUNG	25,455
1R23 GM30272-01	MAIER, RONALD V	CELLULAR MECHANISMS LPS-INDUCED INJURY	36,900
1R23 AG03180-01	MERRILL, GARY F	MYOGENESIS: A MODEL SYSTEM FOR STUDYING CELL AGING	32,506
1R01 ES02728-01	NELSON, SIDNEY D	METABOLISM AND TOXICITY OF HALOGENATED ALKYL PHOSPHATES	39,954

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1R01 NS17025-01A1	NICHOLS, T R		THE SUPRASPINAL REGULATION OF MUSCULAR STIFFNESS	42,044
1R01 AM30780-01	PALMER, JERRY P		INSULIN SECRETION/RESISTANCE IN I DEPENDENT DIABETICS	58,247
1P01 GM29853-01	STRIKER, GARY E		CELL & MOLECULAR RESPONSE TO MECHANICAL & THERMAL INJURY	360,372
INSTITUTION TOTAL	16	1,429,562		
VIRGINIA MASON RESEARCH CENTER				
1S03 RR03303-01	LAI, HIH-LOONG		MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	1,500
INSTITUTION TOTAL	1	1,500		
CITY TOTAL	21	1,700,805		
STATE TOTAL	24	1,900,257		
WEST VIRGINIA				
HUNTINGTON				
MARSHALL UNIVERSITY				
1S07 RR05870-01	TZANKOFF, STEPHEN P		BIOMEDICAL RESEARCH SUPPORT GRANT	12,028
1R01 HL28524-01	WRIGHT, GARY L		MATERNAL TRANSMISSION OF HYPERTENSION IN SH RATS	31,291
INSTITUTION TOTAL	2	43,319		
CITY TOTAL	2	43,319		
MORGANTOWN				
WEST VIRGINIA UNIVERSITY				
1R01 EY03520-01A1	COLASANTI, BRENDA K		AUTONOMIC INPUT AND CANNABINOID OCULAR EFFECTS	46,699
INSTITUTION TOTAL	1	46,699		
CITY TOTAL	1	46,699		
STATE TOTAL	3	90,018		
WISCONSIN				
KENOSHA				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-PARKSIDE				
1R23 NS18214-01	GUNDERSEN, ROSS W		IN VITRO DIRECTIONAL GROWTH OF MOTOR NEURITES	35,880
INSTITUTION TOTAL	1	35,880		
CITY TOTAL	1	35,880		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R01 GM30132-01	ANDERSON, ROBERT P	THE GENETIC SPECIFICATION OF NEMATODE MUSCLE	89,471
1R01 GM30385-01	BORISY, GARY G	MOLECULAR ANALYSIS OF MITOTIC SPINDLE COMPONENTS	67,134
1R01 GM30220-01	DAHLBERG, JAMES E	STRUCTURE, ORGANIZATION AND EXPRESSION OF SNRNA GENES	85,353
1R01 HL27970-01	GATLEY, SAMUEL J	F-18 FLUOROHEXADECANOIC ACID IN THE ISOLATED RAT HEART	78,234
1R23 AM30843-01	KEIM, NANCY L	HEPATIC STEATOSIS INDUCED BY TOTAL PARENTERAL NUTRITION	36,187
1R01 HL29563-01	LALLEY, PETER M	PHARMACOLOGY OF SPINAL RESPIRATORY TRANSMISSION	33,870
1R01 AM30202-01	MAZESS, RICHARD B	ROENTGEN VIDEOABSORPTIOMETRY FOR BONE	42,581
1R01 LM03930-01	RISSE, GUENTER B	BRUNONIANISM: A MEDICAL REFORM MOVEMENT	23,611
1R01 AM30808-01	UEHLING, DAVID T	IMMUNIZATION AGAINST URINARY TRACT INFECTION	72,765
1S07 RR05866-01	WILLIAMS, MARGARET A	BIOMEDICAL RESEARCH SUPPORT GRANT	17,758
INSTITUTION TOTAL	10	546,964	
CITY TOTAL	10	546,964	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
1R03 EY04346-01	ABRAMS, GARY W	VITRECTOMY: PHARMACOKINETICS OF INTRAVITREAL STEROIDS	13,930
1R01 HL28341-01	COWLEY, ALLEN W, JR	VASOPRESSIN IN ESSENTIAL HYPERTENSION	64,346
1R01 AM30024-01A1	HOGAN, WALTER J	SPHINCTER OF ODDI FUNCTION IN HEALTH AND DISEASE	103,640
1R01 CA31900-01	HOLCENBERG, JOHN S	ORGAN IRRADIATION AND CANCER DRUG PHARMACOLOGY	92,294
1R01 GM29076-01A1	KIM, JUNG-JA P	STRUCTURE AND MECHANISM OF A FLAVOPROTEIN DEHYDROGENASE	59,120
1R01 AM31063-01	LAWSON, RUSSELL K	BENIGN PROSTATIC HYPERPLASIA: PROSTATIC GROWTH FACTOR	42,908
1R01 AG02756-01	RYTEL, MICHAEL W	EFFECT OF AGING ON IMMUNITY TO HERPES ZOSTER	48,998
INSTITUTION TOTAL	7	425,236	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
1R01 GM29583-01	PETERING, DAVID H	STRUCTURE AND REACTIVITY OF METALLOTHIONEINS	90,260
INSTITUTION TOTAL	1	90,260	
CITY TOTAL	8	515,496	
STATE TOTAL	19	1,098,340	
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING			
1R01 AI17961-01A1	VILLEMEZ, CLARENCE L, JR	PRODUCE MONOCLONAL ANTIBODIES TO ACANTHAMOEBA	66,528
INSTITUTION TOTAL	1	66,528	
CITY TOTAL	1	66,528	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	66,528	
PUERTO RICO			
PONCE			
CATHOLIC UNIVERSITY OF PUERTO RICO			
1S03 RR03270-01	INFANTE, GABRIEL A	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	1	3,000	
AUSTRALIA			
KENSINGTON			
UNIVERSITY OF NEW SOUTH WALES			
1R01 EY03700-01	PETERSON, ELLENGENE H	RETINAL GANGLION CELLS MORPHOLOGY AND CONNECTION	24,088
INSTITUTION TOTAL	1	24,088	
CITY TOTAL	1	24,088	
STATE TOTAL	1	24,088	
CANADA			
MONTREAL			
MONTREAL GENERAL HOSPITAL			
1R01 AI18693-01	SKAMENE, EMIL	INR GENE COMPLEX PROBE OF HOST-PARASITE INTERACTION	84,960
INSTITUTION TOTAL	1	84,960	
CITY TOTAL	1	84,960	
REGINA			
UNIVERSITY OF SASKATCHEWAN			
1R01 GM30077-01	HAYES, SIDNEY	ANALYSIS OF THE LAMBDA REPLICATOR	66,230
INSTITUTION TOTAL	1	66,230	
CITY TOTAL	1	66,230	
WINNIPEG			
UNIVERSITY OF MANITOBA			
1R01 HD16086-01	RIGATTO, HENRIQUE	CONTROL OF FETAL AND NEONATAL BREATHING	101,818
INSTITUTION TOTAL	1	101,818	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	101,818	
STATE TOTAL	3	253,008	
FRANCE			
PARIS			
CLAUDE BERNARD ASSOCIATION			
1R13 AM30743-01	ESCHWEGE, EVELINE	COLLOQUIUM ON ADVANCES ON DIABETES EPIDEMIOLOGY	14,475
INSTITUTION TOTAL	1	14,475	
CITY TOTAL	1	14,475	
STATE TOTAL	1	14,475	
GERMANY FED R			
FRANKFURT			
JOHANN WOLFGANG GOETHE UNIVERSITY OF FRANKFURT			
1R13 CA31717-01A1	CHANDRA, PRAKASH	BIOCHEMICAL AND BIOLOGICAL MARKERS OF TRANSFORMATION	25,000
INSTITUTION TOTAL	1	25,000	
CITY TOTAL	1	25,000	
STATE TOTAL	1	25,000	
ISRAEL			
JERUSALEM			
HADASSAH UNIVERSITY HOSPITAL			
1R01 HL28017-01	EISENBERG, SHLOMO	PLASMA CHOLESTEROL-CHOLESTEROL ESTER TRANSPORT SYSTEM	77,552
INSTITUTION TOTAL	1	77,552	
CITY TOTAL	1	77,552	
REHOVOT			
WEIZMANN INSTITUTE OF SCIENCE			
1R01 NS18168-01	COHEN, IRUN R	AUTOIMMUNE ENCEPHALOMYELITIS AND T CELL LINES AND CLONES	55,680
INSTITUTION TOTAL	1	55,680	
CITY TOTAL	1	55,680	
STATE TOTAL	2	133,232	
TOTAL	1,060	61,024,071	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF SOUTHERN CALIFORNIA				
1N01 CN25573-00	COHN, GORDON		CANCER COMMUNICATIONS NETWORK--CALIFORNIA	372,699
INSTITUTION TOTAL	1	372,699		
CITY TOTAL	1	372,699		
STATE TOTAL	1	372,699		
COLORADO				
DENVER				
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER				
1N01 HD22801-00	NEVILLE, MARGARET C		HUMAN MILK BANKING STUDIES	178,787
INSTITUTION TOTAL	1	178,787		
CITY TOTAL	1	178,787		
STATE TOTAL	1	178,787		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1N01 CN25574-00	COLE, JACK W		CANCER COMMUNICATIONS NETWORK--CONNECTICUT	165,602
1N01 HD22802-00	EHRENKRANZ, RICHARD A		HUMAN MILK BANKING STUDIES	127,039
INSTITUTION TOTAL	2	292,641		
CITY TOTAL	2	292,641		
STATE TOTAL	2	292,641		
DIST OF COL				
WASHINGTON				
ASSOCIATION OF AMERICAN MEDICAL COLLEGES				
1N01 OD22118-00	SHERMAN, CHARLES		EVALUATE MEDLARS METHOD FOR M D RESEARCH ACTIVITY	19,739
INSTITUTION TOTAL	1	19,739		
GEORGE WASHINGTON UNIVERSITY				
1N01 AM22206-00	LACHIN, JOHN M		COMPLICATIONS OF INSULIN-DEPENDENT DIABETES MELLITUS	176,364
INSTITUTION TOTAL	1	176,364		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
HOWARD UNIVERSITY			
1N01 CN25581-00	WHITE, JACK E	CANCER COMMUNICATIONS NETWORK--WASHINGTON, D C	57,209
INSTITUTION TOTAL	1	57,209	
PAN AMERICAN HEALTH ORGANIZATION			
1N01 RS22115-00	MORO, MANUEL	MAINTAIN A NONHUMAN PRIMATE PROGRAM	224,644
INSTITUTION TOTAL	1	224,644	
SOCIAL AND SCIENTIFIC SYSTEMS			
1N01 CM25606-00	HURT, MAURE	NCI CONFERENCE AND LOGISTICAL SUPPORT SERVICES	142,046
INSTITUTION TOTAL	1	142,046	
CITY TOTAL	5	620,002	
STATE TOTAL	5	620,002	
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
1N01 CN25582-00	HEALEY, J	CANCER COMMUNICATIONS NETWORK--FLORIDA	66,500
INSTITUTION TOTAL	1	66,500	
CITY TOTAL	1	66,500	
STATE TOTAL	1	66,500	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1N01 HD22803-00	EITENMILLER, RONALD R	OPTIMIZATION OF HUMAN MILK HEAT TREATMENT	45,809
INSTITUTION TOTAL	1	45,809	
CITY TOTAL	1	45,809	
STATE TOTAL	1	45,809	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1N01 CN25572-00	HALL, THOMAS	CANCER COMMUNICATIONS NETWORK--HAWAII	164,449

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	164,449	
CITY TOTAL	1	164,449	
STATE TOTAL	1	164,449	
ILLINOIS			
CHICAGO			
ILLINOIS CANCER COUNCIL			
1N01 CN25580-00	LOGEMANN, JERILYN	CANCER COMMUNICATIONS NETWORK--ILLINOIS	54,634
INSTITUTION TOTAL	1	54,634	
CITY TOTAL	1	54,634	
STATE TOTAL	1	54,634	
LOUISIANA			
COVINGTON			
TULANE UNIVERSITY OF LOUISIANA			
1N01 AI22671-00	SOIKE, KENNETH F	EVALUATE ANTIVIRAL DRUGS IN ANIMAL MODELS	167,099
INSTITUTION TOTAL	1	167,099	
CITY TOTAL	1	167,099	
STATE TOTAL	1	167,099	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1N01 CN25576-00	WAALKES, T PHILLIP	CANCER COMMUNICATIONS NETWORK--MARYLAND	169,775
INSTITUTION TOTAL	1	169,775	
CITY TOTAL	1	169,775	
BETHESDA			
WHITTAKER CORPORATION--MICROBIOLOGICAL ASSOCIATES			
1N01 AI22673-00	COLLINS, MICHAEL J	MOUSE LEUKEMIA VIRUS PROJECT	210,289
INSTITUTION TOTAL	1	210,289	
CITY TOTAL	1	210,289	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
CHEVY CHASE				
MC LEOD CORPORATION				
1N01 LM23506-00	KEARNEY, ROBERT O		DEVELOP ADP STANDARDS FOR MEDLARS III	26,190
INSTITUTION TOTAL	1	26,190		
CITY TOTAL	1	26,190		
KENSINGTON				
LITTON INDUSTRIES--LITTON BIONETICS				
1N01 CB25585-00	ARN, SCOTT		MAINTAIN INBRED AND CONGENIC RESISTANT MOUSE STRAINS	438,854
1N01 CB25584-00	MC GOWAN, MARTHA J		TRANSPLANT, INDUCE & PRESERVE PLASMA CELL TUMORS IN MICE	606,100
INSTITUTION TOTAL	2	1,044,954		
CITY TOTAL	2	1,044,954		
POTOMAC				
PROSPECT ASSOCIATES				
1N01 CN25564-00	MASSEY, MARILYN		SUPPORT TO THE SMOKING, CANCER, AND HEALTH PROGRAMS	175,638
INSTITUTION TOTAL	1	175,638		
CITY TOTAL	1	175,638		
ROCKVILLE				
BIOCON, INC.				
1N01 CB23903-00	CUNNICK, LAWRENCE		BREEDING AND HOLDING FACILITY FOR GOVERNMENT-OWNED MICE	112,308
INSTITUTION TOTAL	1	112,308		
ENVIRO CONTROL				
1N01 ES28001-00	BONNEY, NANCY M		NATIONAL TOXICOLOGY PROGRAM COMPUTER SUPPORT	925,243
INSTITUTION TOTAL	1	925,243		
WESTAT RESEARCH, INC.				
1N01 CP21020-00	WARD, JOHN R		MORTALITY STUDY OF AIRPLANE MAINTENANCE WORKERS	259,454
INSTITUTION TOTAL	1	259,454		
CITY TOTAL	3	1,297,005		
STATE TOTAL	9	2,923,851		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS				
BOSTON				
MASSACHUSETTS GENERAL HOSPITAL				
1N01 CM27532-00	GOITEN, MICHAEL		TREATMENT PLANNING FOR PARTICLE BEAM RADIOTHERAPY	84,969
INSTITUTION TOTAL	1	84,969		
SIDNEY FARBER CANCER INSTITUTE				
1N01 CN25566-00	PATTERSON, W BRADFORD		CANCER COMMUNICATIONS NETWORK--MASSACHUSETTS	185,449
INSTITUTION TOTAL	1	185,449		
CITY TOTAL	2	270,418		
CAMBRIDGE				
LIPID SPECIALTIES				
1N01 HD22805-00	SEARS, BARRY		FORMULATIONS OF ESTRADIOL IN LIPID VEHICLES	9,695
INSTITUTION TOTAL	1	9,695		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY				
1N01 CM27525-00	LELE, PADMAKAR P		EVALUATE EQUIPMENT FOR HYPERTHERMIC TREATMENT OF CANCER	188,739
INSTITUTION TOTAL	1	188,739		
CITY TOTAL	2	198,434		
STATE TOTAL	4	468,852		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1N01 DE22438-00	BURT, BRIAN A		RELATIONSHIP OF DIETARY INTAKE TO CARIES INCIDENCE	234,990
INSTITUTION TOTAL	1	234,990		
CITY TOTAL	1	234,990		
DETROIT				
MICHIGAN CANCER FOUNDATION				
1N01 CN25578-00	REED, MELVIN L		CANCER COMMUNICATIONS NETWORK--MICHIGAN	160,343
INSTITUTION TOTAL	1	160,343		
CITY TOTAL	1	160,343		
STATE TOTAL	2	395,333		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MINNESOTA				
ROCHESTER				
MAYO FOUNDATION				
1N01 CN25579-00	AHMANN, DAVID L		CANCER COMMUNICATIONS NETWORK--MINNESOTA	175,626
1N01 CM27528-00	GUNDERSON, LEONARD L		INTRAOPERATIVE RADIOTHERAPY	98,465
INSTITUTION TOTAL	2	274,091		
CITY TOTAL	2	274,091		
STATE TOTAL	2	274,091		
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
1N01 CB23914-00	DAO, THOMAS L		STEROID SULFATION AND ESTROGEN BINDING IN BREAST CANCER	4,774
1N01 CN25570-00	MIRAND, EDWIN A		CANCER COMMUNICATIONS NETWORK--NEW YORK	167,737
INSTITUTION TOTAL	2	172,511		
CITY TOTAL	2	172,511		
NEW YORK				
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES				
1N01 CN25571-00	SCHOTTENFELD, DAVID		CANCER COMMUNICATIONS NETWORK--NEW YORK	235,213
INSTITUTION TOTAL	1	235,213		
CITY TOTAL	1	235,213		
STATE TOTAL	3	407,724		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
1N01 CN25575-00	MC GRATH, DIANE		CANCER COMMUNICATIONS NETWORK--NORTH CAROLINA	191,835
INSTITUTION TOTAL	1	191,835		
CITY TOTAL	1	191,835		
RESEARCH TRIANGLE PARK				
RESEARCH TRIANGLE INSTITUTE				
1N01 ES25016-00	REEL, J R		PROVIDE LOGISTIC SUPPORT FOR NIEHS	126,083
1N01 ES25014-00	REEL, JERRY R		FERTILITY ASSESSMENT BY CONTINUOUS BREEDING	253,943
INSTITUTION TOTAL	2	380,026		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2	380,026		
STATE TOTAL	3	571,861		
OHIO				
CINCINNATI				
ENVIRONMENTAL HEALTH RESEARCH AND TESTING				
1N01 ES25013-00	SABHARWAL, P S		FERTILITY ASSESSMENT BY CONTINUOUS BREEDING	244,115
INSTITUTION TOTAL	1	244,115		
CITY TOTAL	1	244,115		
COLUMBUS				
AMERICAN CHEMICAL SOCIETY--CHEMICAL ABSTRACTS SERVICE				
1N01 LM23505-00	BROWN, CARTER N		CANCER LITERATURE SEARCH SERVICE	39,550
1N01 LM23507-00	BROWN, CARTER N		CANCER LITERATURE SEARCH SERVICE	115,339
INSTITUTION TOTAL	2	154,889		
CITY TOTAL	2	154,889		
STATE TOTAL	3	399,004		
PENNSYLVANIA				
PHILADELPHIA				
FOX CHASE CANCER CENTER				
1N01 CN25567-00	ENGSTROM, PAUL F		CANCER COMMUNICATIONS NETWORK--PENNSYLVANIA	190,142
INSTITUTION TOTAL	1	190,142		
UNIVERSITY OF PENNSYLVANIA				
1N01 CM27529-00	BLOCH, PETER		TREATMENT PLANNING FOR PARTICLE BEAM RADIOTHERAPY	63,725
INSTITUTION TOTAL	1	63,725		
CITY TOTAL	2	253,867		
STATE TOTAL	2	253,867		
TENNESSEE				
KNOXVILLE				
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE				
1N01 AM22208-00	SHULL, ROBERT		MAINTAIN COLONY OF IDURONIDASE DEFICIENCY DISEASE	5,700
INSTITUTION TOTAL	1	5,700		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	5,700	
STATE TOTAL	1	5,700	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 AI22672-00	COUCH, ROBERT	EVALUATE CONTROL MEASURES AGAINST INFECTIOUS DISEASES	281,774
INSTITUTION TOTAL	1	281,774	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1N01 CN25569-00	STUYCK, STEPHEN C	CANCER COMMUNICATIONS NETWORK--TEXAS	236,801
INSTITUTION TOTAL	1	236,801	
CITY TOTAL	2	518,575	
STATE TOTAL	2	518,575	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1N01 AI22670-00	GLASGOW, LOWELL	ANIMAL MODELS FOR ANTIVIRAL EVALUATION	161,440
INSTITUTION TOTAL	1	161,440	
CITY TOTAL	1	161,440	
STATE TOTAL	1	161,440	
VIRGINIA			
ANNANDALE			
JWK INTERNATIONAL CORPORATION			
1N01 CM25602-00	KUCHA, DOLORES	PLANNING AND ANALYTICAL SUPPORT SERVICES FOR CCS/NCI	303,125
1N01 CN25583-00	MAPLES, JOHN R	NCI TECHNICAL MANAGEMENT-LOGISTICAL SUPPORT SERVICES	413,697
INSTITUTION TOTAL	2	716,822	
CITY TOTAL	2	716,822	
ARLINGTON			
GENERAL TELEPHONE AND ELECTRONICS CORPORATION--GTE TELENET COMMUNICATIONS CORPORATION			
1N01 LM23502-00	KEARNEY, GENE	DATA COMMUNICATIONS SERVICES-NLM	197,000
INSTITUTION TOTAL	1	197,000	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA				
ARLINGTON				
KETRON, INC.				
1N01 HO27001-00	HURWITZ, E R		PILOT EVALUATION OF THE SCOR PROGRAM	151,118
INSTITUTION TOTAL	1	151,118		
CITY TOTAL	2	348,118		
MC LEAN				
FLOW GENERAL--FLOW LABORATORIES				
1N01 CP21021-00	LUBINIECKI, ANTHONY S		SPECIMEN RESPOSITORY FOR HIGH RISK CANCER PATIENTS	80,000
1N01 HB27000-00	MILLER, RODNEY T		MAINTENANCE OF LOW-TEMPERATURE SERUM RESPOSITORY	59,890
INSTITUTION TOTAL	2	139,890		
CITY TOTAL	2	139,890		
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1N01 DE22435-00	GREENBERG, RICHARD		IMPLANT CHRONIC ELECTRODES FOR INTRACTABLE PAIN RELIEF	31,000
INSTITUTION TOTAL	1	31,000		
CITY TOTAL	1	31,000		
STATE TOTAL	7	1,235,830		
WISCONSIN				
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1N01 CN25568-00	JOHNSON, ROBERT O		CANCER COMMUNICATIONS NETWORK--WISCONSIN	192,380
INSTITUTION TOTAL	1	192,380		
CITY TOTAL	1	192,380		
STATE TOTAL	1	192,380		
TOTAL	54	9,771,128		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM			
1T32 AM07450-01	BENNETT, J CLAUDE	RHEUMATIC DISEASE RESEARCH	41,986

INSTITUTION TOTAL	1	41,986
CITY TOTAL	1	41,986
STATE TOTAL	1	41,986
TOTAL	1	41,986

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
ALABAMA		
BIRMINGHAM		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM		
1F32 AM06833-01	KIRK, KEVIN L	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
ARIZONA		
TUCSON		
UNIVERSITY OF ARIZONA		
1F32 NS06923-01	GEE, KELVIN W	BLOOD/BLOOD FORMING PHYSIOLOGY
1F33 HD06326-01	TELFER, WILLIAM H	CELL BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
CALIFORNIA		
BERKELEY		
UNIVERSITY OF CALIFORNIA AT BERKELEY		
1F32 EY05621-01	ANDERSON, PATRICIA A	NEURO/MUSCULAR PHYSIOLOGY
1F32 HD06306-01	BAUER, RAINER L	DEMOGRAPHY OR POPULATION DYNAMICS
1F32 GM08752-01	CUPPS, THOMAS L	FAT AND LIPID BIOCHEMISTRY
1F32 GM08738-01	DANILCHIK, MICHAEL V	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 NS06979-01	LA MON, BRENT C	NEUROLOGY AND BEHAVIOR
1F32 HD06325-01	PETTERBORG, LARRY J	ENDOCRINOLOGY
1F31 GM08730-01	TURNER, TIMOTHY	ANIMAL PHYSIOLOGY
INSTITUTION TOTAL	7	
CITY TOTAL	7	
DUARTE		
CITY OF HOPE NATIONAL MEDICAL CENTER		
1F32 NS06953-01	KING, GREGORY L	BIOPHYSICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
IRVINE		
UNIVERSITY OF CALIFORNIA AT IRVINE		
1F32 NS06942-01	CONWAY, JANET L	BIOCHEMISTRY
1F32 NS07007-01	HOLETS, VICKY R	NEUROBIOLOGY
1F32 NS07032-01	WHITTEMORE, SCOTT R	NEUROBIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
LA JOLLA		
SALK INSTITUTE FOR BIOLOGICAL STUDIES		
1F32 CA07069-01	MACCONNELL, WILLIAM P	VIROLOGY
INSTITUTION TOTAL	1	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1F32 NS07015-01	CHANEY, LINDA C	DEVELOPMENTAL BOTANY
1F32 CA07033-01	DIALA, EDWARD S	MOLECULAR BIOLOGY
1F32 AM06821-01	GRENIER, FRANK C	PHYSIOLOGY
1F32 NS07009-01	KOZLOWSKI, MICHAEL R	PHYSIOLOGY
1F32 HD06350-01	STEWART, JUDITH A	DEVELOPMENTAL AND CHILD PSYCHOLOGY
1F32 AM06907-01	SUPOWIT, SCOTT C	BIOCHEMICAL AND MOLECULAR GENETICS
INSTITUTION TOTAL	6	
CITY TOTAL	7	
LOS ANGELES		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1F32 CA07098-01	ABERNATHY, SUSAN M	CELL BIOLOGY
1F32 AM06906-01	HARRIS, DENNIS R	BIOMEDICAL ENGINEERING
1F32 NS07005-01	HILLERY, CYNTHIA M	PLANT BIOPHYSICS
1F32 NS07013-01	NOTVEST, RONALD R	NEURO/MUSCULAR PHYSIOLOGY
1F32 NS06565-01A1	RODIN, BARBARA E	NEUROANATOMY
INSTITUTION TOTAL	5	
UNIVERSITY OF SOUTHERN CALIFORNIA		
1F32 CA07115-01	KILLARY, ANN M	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	6	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
PASADENA		
CALIFORNIA INSTITUTE OF TECHNOLOGY		
1F32 GM08803-01	DELLARIA, JOSEPH F, JR	ANALYTICAL CHEMISTRY
1F32 NS07024-01	HOLTON, THOMAS	SENSORY PROCESSES
1F32 NS06902-01	KINTNER, CHRIS R	BIOLOGY
1F32 CA07015-01	MORRIS, JOEL	MEDICINAL/PHARMACEUTICAL CHEMISTRY
1F32 NS06947-01	NOONAN, DANIEL J	GENETICS
1F32 NS07045-01	SULLIVAN, WINTHROP E, III	SENSORY PROCESSES
INSTITUTION TOTAL	6	
CITY TOTAL	6	
RIVERSIDE		
UNIVERSITY OF CALIFORNIA AT RIVERSIDE		
1F32 AM06910-01	KULKARNI, RAJIV K	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1F32 AM06888-01	BLATCHLY, RICHARD A	ENZYME/METABOLISM BIOCHEMISTRY
1F32 CA06820-01A1	COHEN, DAVID C	ONCOLOGY
1F32 CA07087-01	DEFRANCO, DONALD B	MOLECULAR BIOLOGY
1F32 EY05603-01	LAW, MARGARET I	OPHTHALMOLOGY
1F32 GM08740-01	MILLER, KATHRYN G	MOLECULAR BIOLOGY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
SANTA BARBARA		
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA		
1F32 GM08773-01	FISHEL, BARBARA R	BIOCHEMICAL AND MOLECULAR GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STANFORD		
STANFORD UNIVERSITY		
1F32 HD06313-01	CARMICHAEL, MARIE S	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
STANFORD		
STANFORD UNIVERSITY		
1F32 NS07014-01	GREENLEE, MARY ELLEN S	LINGUISTICS
1F32 CA07080-01	HO, DOUGLAS M	CLINICAL CHEMISTRY
1F32 NS07048-01	KAITIN, KENNETH I	PHYSIOLOGY
1F32 NS07033-01	LEE, MATT T	PHYSIOLOGY
1F32 CA07102-01	LIAO, WARREN S L	GENETICS
1F32 AI06697-01	OMER, CHARLES A	MICROBIOLOGY
1F32 NS07020-01	ROSEN, JONATHAN I	GENETICS
1F32 CA07022-01	SACKS, PETER G	TISSUE CULTURE: CELL BIOLOGY
1F32 GM08736-01	STEWART, VALLEY J	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 AM06895-01	TSE, SOLOMON S	FAT AND LIPID BIOCHEMISTRY
INSTITUTION TOTAL	11	
CITY TOTAL	11	
STATE TOTAL	48	
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER		
1F32 HL06527-01	KAYAR, SUSAN R	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
FORT COLLINS		
COLORADO STATE UNIVERSITY		
1F32 GM08546-01	FUENTES, LELIA M	MEDICINAL/PHARMACEUTICAL CHEMISTRY
1F32 ES05248-01	KOSTELECKY, JAN	TOXICOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	3	
CONNECTICUT		
NEW HAVEN		
YALE UNIVERSITY		
1F32 NS06990-01	BENSON, THANE E	NEURO/MUSCULAR PHYSIOLOGY
1F32 NS06934-01	ECKENHOFF, MARYELLEN F	BIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CONNECTICUT		
NEW HAVEN		
YALE UNIVERSITY		
1F32 AM06820-01	GULLANS, STEVEN R	PHYSIOLOGY
1F32 AM06896-01	MILANICK, MARK A	MOLECULAR BIOLOGY
1F32 NS06978-01	PEDERSEN, PATRICIA E	BIOLOGY
1F32 NS06924-01	REESE, JAMES H	BIOCHEMISTRY
1F32 GM08797-01	SHIBA, DAVID A	CLINICAL PHARMACOLOGY (THERAPEUTICS)
INSTITUTION TOTAL	7	
CITY TOTAL	7	
STATE TOTAL	7	
DIST OF COL		
WASHINGTON		
GEORGE WASHINGTON UNIVERSITY		
1F33 CA07020-01	YORKE, ELLEN D	RADIATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
FLORIDA		
MIAMI		
UNIVERSITY OF MIAMI		
1F32 HL06508-01	NELSON, LOREN D	CARDIOVASCULAR DISEASES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
GEORGIA		
ATHENS		
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA		
1F32 GM08481-01	MISHKIND, MICHAEL L	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
GEORGIA		
AUGUSTA		
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA		
1F06 TW00687-01	GREEN, KEITH	OPHTHALMOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
ILLINOIS		
CHICAGO		
UNIVERSITY OF CHICAGO		
1F32 CA07042-01	BURTON, MIRIAM D	MOLECULAR BIOLOGY
1F32 GM08756-01	LAWRENCE, DAVID S	PROTEIN/AMINO ACID BIOCHEMISTRY
INSTITUTION TOTAL	2	
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER		
1F32 NS07029-01	STANDAGE, GREGG P	NEUROANATOMY
INSTITUTION TOTAL	1	
CITY TOTAL	3	
URBANA		
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN		
1F32 HL06538-01	KEITH, MICHAEL L	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	4	
INDIANA		
INDIANAPOLIS		
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS		
1F32 DE05325-01	SHAHED, ASHA R	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
INDIANA		
WEST LAFAYETTE		
PURDUE UNIVERSITY WEST LAFAYETTE		
1F32 CA07118-01	ZYDOWSKY, THOMAS M	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1F32 NS06977-01	AHMED, ZAHUR	NEUROLOGY
1F32 AI06562-01	FICHT, ALLISON R	MOLECULAR BIOLOGY
1F32 HL06524-01	HAWS, CHARLES W	CELL PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
LOUISIANA		
NEW ORLEANS		
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS		
1F32 CA07041-01	LEVY, LAURA S	VIROLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1F32 NS06749-01A1	COSTALUPES, JOHN A	SPEECH CORRECTION, SPEECH PATHOLOGY AND AUDIOLOGY
1F32 ES05257-01	DANIELSON, KEITH G	TOXICOLOGY
1F32 EY05622-01	DONNELLY, JOHN J	IMMUNOCHEMISTRY
1F32 CA07062-01	DZUBOW, JANET L	CELL BIOLOGY
1F32 NS06866-01	PERRY, DAVID C	PHARMACOLOGY
1F32 HL06531-01	SUTRINA, SARAH L	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	6	
CITY TOTAL	6	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MARYLAND		
BETHESDA		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH		
1F32 NS07002-01	ALDERSON, RALPH F	NEURO/MUSCULAR PHYSIOLOGY
1F32 GM08733-01	DUESTER, GREGG L	BIOCHEMICAL AND MOLECULAR GENETICS
1F15 TW00253-01	GUNSALUS, IRWIN C	BIOCHEMISTRY
1F32 DE05336-01	JERDAN, JANICE A	RADIOLOGY
1F32 CA07121-01	SMITH, ADALINE C	PHARMACOLOGY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
FREDERICK		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FREDERICK CANCER RESEARCH CENTER		
1F32 CA07014-01	GRANSTEIN, RICHARD D	RADIOBIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	12	
MASSACHUSETTS		
AMHERST		
UNIVERSITY OF MASSACHUSETTS AT AMHERST		
1F32 HD06370-01	ASHMEAD, DANIEL H	PEDIATRIC PSYCHIATRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
BOSTON		
BOSTON UNIVERSITY		
1F32 NS06985-01	WILLIAMS, DIANE G	BIOLOGY
INSTITUTION TOTAL	1	
HARVARD UNIVERSITY		
1F32 HD06315-01	FLORMAN, HARVEY M	REPRODUCTIVE PHYSIOLOGY
1F32 AI06595-01	ZALEZNIK, DORI F	IMMUNOLOGY
INSTITUTION TOTAL	2	
NEW ENGLAND MEDICAL CENTER HOSPITAL		
1F32 CA07107-01	MC MAHON, GERALD	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
BOSTON		
SIDNEY FARBER CANCER INSTITUTE		
1F32 CA07101-01	FEIG, LARRY A	MOLECULAR BIOLOGY
1F32 CA07010-01	LEVINE, ROY A	MOLECULAR BIOLOGY
1F32 CA07070-01	LYNCH, DENNIS	VIROLOGY
1F32 CA07047-01	NADAKAVUKAREN, KAREN K	GENETICS
1F32 CA07094-01	SODROSKI, JOSEPH G	MOLECULAR BIOLOGY
INSTITUTION TOTAL	5	
TUFTS UNIVERSITY		
1F32 HL06457-01	LEWIS, RICHARD M	BIOCHEMISTRY
1F32 HL06517-01	LIEBMAN, HOWARD	HEMATOLOGY/IMMUNOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	11	
CAMBRIDGE		
HARVARD UNIVERSITY		
1F32 NS06874-01A1	KIDD, GERALD D, JR	AUDIOLOGY
1F32 GM08830-01	LAROCCA, DAVID J	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 EY05547-01	MARSHAK, DAVID W	NEURO/MUSCULAR PHYSIOLOGY
1F32 AM06891-01	MYERS, RICHARD M	MOLECULAR BIOLOGY
1F32 GM08735-01	PERKINS, JOHN B	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 GM08822-01	SCHULZ, ROBERT A	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 AI06651-01	SHARON, JACQUELINE	MOLECULAR BIOLOGY
INSTITUTION TOTAL	7	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
1F32 CA07113-01	CHATIS, PAMELA A	VIROLOGY
1F32 AM06806-01	HAIGH, LINDA S	MOLECULAR BIOLOGY
1F32 AM06836-01	HOERR, ROBERT A	NUTRITION
1F32 NS06987-01	LANDAHL, KAREN L	SPEECH CORRECTION, SPEECH PATHOLOGY AND AUDIOLOGY
1F32 EY05605-01	LAWLER, KATHY A	MOLECULAR BIOLOGY
1F32 GM08770-01	MOORE, CLAIRE L	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 EY05616-01	OPRIAN, DANIEL D	ENZYME/METABOLISM BIOCHEMISTRY
INSTITUTION TOTAL	7	
CITY TOTAL	14	
SHREWSBURY		
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY		
1F33 HD06337-01	BETZ, GEORGE	FERTILIZATION IMPLANTATION

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
INSTITUTION TOTAL	1	
CITY TOTAL	1	
MASSACHUSETTS		
WALTHAM		
BRANDEIS UNIVERSITY		
1F32 AM06911-01	BEDNAR, RODNEY A	PHYSICAL BIOCHEMISTRY
1F32 EY05561-01	CHINN, KEVIN S	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	29	
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1F32 HD06318-01	CHASE, DAVID J	REPRODUCTIVE PHYSIOLOGY
1F32 AM06892-01	DONOVAN, CASEY M	BIOCHEMISTRY
1F32 HL06532-01	MORELAND, ROBERT S	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
EAST LANSING		
MICHIGAN STATE UNIVERSITY		
1F32 ES05258-01	BUCHER, JOHN R	TOXICOLOGY
1F32 NS06951-01	CHANG, HOWARD T	NEURO/MUSCULAR PHYSIOLOGY
1F06 TW00690-01	HATTON, GLENN I	NEUROBIOLOGY
1F32 ES05243-01	RUSH, GLENN F	TOXICOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
STATE TOTAL	7	
MISSOURI		
SAINT LOUIS		
WASHINGTON UNIVERSITY		
1F32 GM08824-01	JEN, GEORGE C	BIOCHEMICAL AND MOLECULAR GENETICS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MISSOURI		
SAINT LOUIS		
WASHINGTON UNIVERSITY		
1F32 NS06900-01	SCHWEITZER, JOHN B	BIOLOGY
1F32 NS06901-01	WITTE, DAVID P	BIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
NEW HAMPSHIRE		
HANOVER		
DARTMOUTH COLLEGE		
1F32 GM08815-01	BERRY, EDWARD A	PHYSICAL CHEMISTRY
1F32 NS07039-01	CRAIG, WILLIAM S	NEUROPHARMACOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
NEW JERSEY		
NEWARK		
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY		
1F32 DE05327-01	MC NAMARA, NANCY A	ORAL PATHOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PISCATAWAY		
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL		
1F32 AM06913-01	TSIPOURAS, PETROS C	GENETICS AND INHERITANCE
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PRINCETON		
PRINCETON UNIVERSITY		
1F32 EY05579-01	REH, THOMAS A	OPHTHALMOLOGY
1F32 CA07044-01	STRAZDIS, JOAN R	CELL BIOLOGY
INSTITUTION TOTAL	2	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CITY TOTAL	2	
STATE TOTAL	4	
NEW YORK		
ALBANY		
NEW YORK STATE DEPARTMENT OF HEALTH		
1F32 NS06930-01	CHESNUT, THOMAS J	NEUROBIOLOGY
INSTITUTION TOTAL	1	
STATE UNIVERSITY OF NEW YORK AT ALBANY		
1F32 NS06965-01	RHO, JAI-HYON	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	2	
BUFFALO		
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE		
1F32 AM06883-01	PETELL, JAMES K	CELL PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
ITHACA		
CORNELL UNIVERSITY ITHACA		
1F32 NS06991-01	MARTEL, ADELE L	BIOCHEMISTRY
1F33 HD06305-01	MC ANARNEY, ELIZABETH R	ADOLESCENT MEDICINE
1F32 CA07099-01	NEWMAN, MICHAEL J	MOLECULAR BIOLOGY
1F32 CA07088-01	STEWART, HEWIETT B	MOLECULAR BIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
NEW YORK		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		
1F32 NS06954-01	HOLSTEIN, GAY R	PHYSIOLOGY
INSTITUTION TOTAL	1	
COLUMBIA UNIVERSITY		
1F32 NS06946-01	CRUTCHER, MICHAEL D	NEURO/MUSCULAR PHYSIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
NEW YORK		
COLUMBIA UNIVERSITY		
1F32 HL06537-01	DARNULE, TUKARAM V	CARDIOVASCULAR DISEASES
1F33 HL06536-01	MARGULIES, LOLA	VIROLOGY
1F32 NS07038-01	SIMMONS, LINDA K	PHYSIOLOGY
1F34 GM08731-01	SULLIVAN, RICHARD H	MOLECULAR STRUCTURE
INSTITUTION TOTAL	5	
CORNELL UNIVERSITY MEDICAL CENTER		
1F32 NS07023-01	VOORHIES, THERESA M	SENSORY PROCESSES
INSTITUTION TOTAL	1	
NEW YORK UNIVERSITY		
1F32 AM06908-01	COPP, RICHARD P	ENDOCRINOLOGY
INSTITUTION TOTAL	1	
ROCKEFELLER UNIVERSITY		
1F32 NS06993-01	GALENO, THERESA M	PHYSIOLOGY
1F32 NS06669-01A1	HAMILTON, ROBERT B	NEURO/MUSCULAR PHYSIOLOGY
1F32 NS07040-01	KLYMKOWSKY, MICHAEL W	DEVELOPMENTAL BIOLOGY
1F32 NS06529-01A1	KOSAR, EVA M	NEURO/MUSCULAR PHYSIOLOGY
1F32 NS06966-01	NOCK, BRUCE L	BIOLOGY
1F32 NS07021-01	TRAVERS, SUSAN	NEUROBIOLOGY
INSTITUTION TOTAL	6	
CITY TOTAL	14	
ROCHESTER		
UNIVERSITY OF ROCHESTER		
1F32 NS07026-01	FARRAR, JUDITH R	DEVELOPMENTAL BIOLOGY
1F32 AI06660-01	HALL, RICHARD E	MICROBIOLOGY
1F32 DE05324-01	JCAMPBELL, JOHN, III	PREVENTIVE DENTISTRY
1F32 CA07185-01	ROTH, BRUCE D	CHEMISTRY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
STONY BROOK		
STATE UNIVERSITY OF NEW YORK AT STONY BROOK		
1F32 NS06949-01	ERICHSEN, JONATHAN T	NEUROANATOMY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
STONY BROOK		
STATE UNIVERSITY OF NEW YORK AT STONY BROOK		
1F32 NS07041-01	GREENBERG, ALLAN S	NEUROBIOLOGY
1F32 CA07124-01	KORENSOWSKI, GERALD M	PHYSICAL CHEMISTRY
1F32 ES05254-01	SOLAIMAN, DANIEL	NEUROBIOLOGY
1F32 GM08737-01	VLASUK, GEORGE P	BIOCHEMICAL AND MOLECULAR GENETICS
INSTITUTION TOTAL	5	
CITY TOTAL	5	
STATE TOTAL	30	
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1F32 DE05315-01	HICKS, HERALINE E	CLINICAL DENTISTRY
1F32 HD06348-01	HOOD, KATHRYN E	DEVELOPMENTAL AND CHILD PSYCHOLOGY
1F06 TW00694-01	ROSS, CORDON D	CONNECTIVE TISSUE DISEASES
1F32 CA07058-01	SIEGFRIED, JILL M	ONCOLOGY
1F32 DE05316-01	THOMAS, PAUL M	CLINICAL DENTISTRY
1F32 CA07108-01	TOORCHEN, DAVID P	EXPERIMENTAL PATHOLOGY
INSTITUTION TOTAL	6	
CITY TOTAL	6	
DURHAM		
DUKE UNIVERSITY		
1F32 HD06301-01	FREEMARK, MICHAEL S	FETAL DEVELOPMENT
1F32 HL06526-01	HINES, JAMES J	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	8	
OHIO		
CINCINNATI		
UNIVERSITY OF CINCINNATI AT CINCINNATI		
1F32 HL06510-01	SPENCE, SALLY E	DEVELOPMENTAL GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
OHIO		
CLEVELAND		
CASE WESTERN RESERVE UNIVERSITY		
1F32 AM06904-01	JENIK, ROBERT A	ENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
OREGON		
PORTLAND		
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER		
1F32 NS06926-01	HORAK, FAY B	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
PENNSYLVANIA		
HERSHEY		
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER		
1F32 AM06846-01	SCHUETTE, SALLY A	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PHILADELPHIA		
UNIVERSITY OF PENNSYLVANIA		
1F32 NS06995-01	LINEBARGER, MARCIA C	LINGUISTICS
1F32 HL06309-01A1	MALLOY, KEVIN J	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
1F06 TW00697-01	SELZER, MICHAEL E	NEURO/MUSCULAR PHYSIOLOGY
1F32 GM08764-01	SLONCZEWSKI, JOAN L	PHYSIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
PITTSBURGH		
UNIVERSITY OF PITTSBURGH		
1F32 NS07006-01	KUO, DAVID C	NEUROBIOLOGY
INSTITUTION TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CITY TOTAL	1	
PENNSYLVANIA		
UNIVERSITY PARK		
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK		
1F32 NS07027-01	ASH, DAVID E	PHARMACO-ENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	7	
RHODE ISLAND		
PROVIDENCE		
BROWN UNIVERSITY		
1F06 TW00701-01	GOLDSTEIN, LEON	MICROBIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TENNESSEE		
NASHVILLE		
VANDERBILT UNIVERSITY		
1F32 EY05607-01	DEESE, ALAN J	ENZYME/METABOLISM BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TEXAS		
AUSTIN		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN		
1F32 AM06886-01	MERRYFIELD, MARGARET L	METABOLIC DISEASES
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
TEXAS		
DALLAS		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		
1F32 HL06533-01	LISCUM, LAURA	CELL DIVISION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
GALVESTON		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON		
1F32 NS07025-01	NAGLE, GREGG T	NEUROENDOCRINOLOGY
1F32 NS07010-01	PAINTER, SHERRY D	NEUROENDOCRINOLOGY
1F32 NS07022-01	STEINMAN, JUDITH L	BIOCHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1F32 CA07090-01	BENSON, DOUGLAS M	CELL BIOLOGY
INSTITUTION TOTAL	1	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		
1F33 DE05289-01A1	DRONMEJU, KRISHNA R	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 AM06850-01	HALM, DAN R	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	3	
SAN ANTONIO		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO		
1F32 AI06594-01	KLOTZ, STEPHEN A	INFECTIOUS DISEASES
1F32 HL06539-01	PORTER, CHARLES B	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	10	
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1F32 NS06950-01	HENNESSEY, TODD M	CELL BIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1F32 HL06529-01	JAEGER, JAMES M	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
VIRGINIA		
CHARLOTTESVILLE		
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE		
1F32 HL06523-01	ELY, STEPHEN W	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
1F32 AI06617-01	CAPLAN, MARTIN D	IMMUNOLOGY
1F32 HL06520-01	ELLSWORTH, MARY L	CARDIOVASCULAR/PULMONARY PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	3	
WASHINGTON		
SEATTLE		
UNIVERSITY OF WASHINGTON		
1F32 NS07016-01	BOOKER, RONALD	NEUROENDOCRINOLOGY
1F32 CA07017-01	HUFFMAN, GARY A	MOLECULAR BIOLOGY
1F32 GM08739-01	MC KNIGHT, GARY L	HUMAN GENETICS
1F32 NS07012-01	MUELLER, ALAN L	PHYSIOLOGY
1F32 GM08746-01	SCLAFANI, ROBERT A	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 AM06915-01	WEISS, RICHARD E	MEMBRANE TRANSPORT
INSTITUTION TOTAL	6	
CITY TOTAL	6	
STATE TOTAL	6	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
WEST VIRGINIA		
MORGANTOWN		
WEST VIRGINIA UNIVERSITY		
1F32 ES05247-01	EACHO, PATRICK I	TOXICOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1F32 AI06627-01	PIERCE, JOHN W, JR	MICROBIOLOGY
1F32 GM08743-01	WACKS, DANIEL B	MICROBIAL PHYSIOLOGY
1F32 GM08753-01	WALSH, THOMAS F	RADIATION
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
FRANCE		
STRASBOURG		
LOUIS PASTEUR UNIVERSITY		
1F32 CA07019-01	HARRIS, BRUCE A	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
GERMANY FED R		
JULICH		
NUCLEAR RESEARCH CENTRE		
1F32 NS07047-01	MOERLEIN, STEPHEN M	NEUROPHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
ISRAEL		
TEL AVIV		
TEL AVIV UNIVERSITY		
1F32 NS07028-01	GIBBER, JUDITH R	NEUROENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
UNITED KINGDOM		
EDINBURGH		
UNIVERSITY OF EDINBURGH		
1F32 NS06925-01	KOERBER, H RICHARD	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TOTAL	211	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
ALABAMA		
BIRMINGHAM		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM		
1K07 AG00166-01	SCOTT, VERONICA J	GERIATRIC MEDICINE ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
CALIFORNIA		
IRVINE		
UNIVERSITY OF CALIFORNIA AT IRVINE		
1K04 AM01005-01	VICKERY, LARRY E	MOLECULAR MECHANISMS AND CONTROL OF STEROID BIOSYNTHESIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
LA JOLLA		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1K07 NS00584-01A1	SHARP, FRANK R	MAPPING MOTOR CIRCUITS IN NORMAL AND LESIONED ANIMALS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
LOS ANGELES		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1K07 NS00693-01	DUBNO, JUDY R	PERCEPTION OF SPEECH OF HEARING-IMPAIRED LISTENERS
1K04 CA00821-01	LADISCH, STEPHAN K	IMMUNOREGULATORY FUNCTIONS OF GANGLIOSIDES
1K04 HL00964-01	STANILOFF, HOWARD M	PREDICTING EACH INDIVIDUAL'S RISK FOR CORONARY EVENTS
INSTITUTION TOTAL	3	
CITY TOTAL	3	
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1K04 EY00213-01	STRYKER, MICHAEL P	DEVELOPMENT OF THE VISUAL SYSTEM
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CALIFORNIA		
TORRANCE		
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER		
1K04 HD00378-01A1	MOHANDAS, THULUVANCHERI K	THE MECHANISM OF HUMAN X-INACTIVATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	7	
CONNECTICUT		
FARMINGTON		
UNIVERSITY OF CONNECTICUT HEALTH CENTER		
1K04 AM01017-01	KREAM, BARBARA E	HORMONAL REGULATION OF BONE COLLAGEN METABOLISM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
ILLINOIS		
CHICAGO		
NORTHWESTERN UNIVERSITY		
1K04 AM01018-01	KANWAR, YASHPAL S	MEMBRANE FUNCTION IN RENAL DISEASE AND NEOPLASIA
INSTITUTION TOTAL	1	
UNIVERSITY OF CHICAGO		
1K04 AM00997-01	FUCHS, ELAINE V	GENE EXPRESSION AND DIFFERENTIATION IN HUMAN EPIDERMIS
INSTITUTION TOTAL	1	
CITY TOTAL	2	
EVANSTON		
NORTHWESTERN UNIVERSITY		
1K04 AM01056-01	ENGEL, JAMES D	EXPRESSION OF GENES DURING AVIAN ERYTHROPOIESIS
1K04 NS00712-01	SILVERMAN, RICHARD B	MECHANISM OF ACTION AND DESIGN OF MEDICINAL AGENTS
INSTITUTION TOTAL	2	
CITY TOTAL	2	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
ILLINOIS		
SPRINGFIELD		
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE		
1K07 NS00705-01	RYBAK, LEONARD P	EFFECT OF FUROSEMIDE ON COCHLEAR FUNCTION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
URBANA		
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN		
1K04 EY00229-01	MALPELI, JOSEPH G	CONTROL OF INFORMATION FLOW IN THE VISUAL SYSTEM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	6	
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1K04 AM00841-01	MAURER, RICHARD A	REGULATION OF PROLACTIN GENE EXPRESSION
1K04 NS00675-01	WU, CHUN-FANG	PHYSIOLOGY OF DROSOPHILA NEURONS IN DEVELOPMENT
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
LOUISIANA		
NEW ORLEANS		
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS		
1K04 AM00918-01	VEDECKIS, WAYNE V	STRUCTURE AND FUNCTION OF THE GLUCOCORTICOID RECEPTOR
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1K04 AG00129-01A1	CHEDEKEL, MILES R	PHOTOCHEMISTRY AND PHOTOBIOLOGY OF PHEOMELANIN
INSTITUTION TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MARYLAND		
BALTIMORE		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE		
1K04 NS00679-01	BLOCH, ROBERT J	MACROMOLECULES INVOLVED IN SYNAPSE FORMATION
INSTITUTION TOTAL	1	
CITY TOTAL	2	
STATE TOTAL	2	
MASSACHUSETTS		
BOSTON		
BETH ISRAEL HOSPITAL		
1K04 AM00856-01	FLIER, JEFFREY S	INSULIN RECEPTORS AND INSULIN ACTION
INSTITUTION TOTAL	1	
CHILDREN'S HOSPITAL MEDICAL CENTER		
1K08 HD00453-01	KURNIT, DAVID M	CLINICAL INVESTIGATOR AWARD--PEDIATRICS
1K04 AM01001-01	SYTKOWSKI, ARTHUR J	A NEW CELL SYSTEM FOR THE STUDY OF ERYTHROPOIESIS
INSTITUTION TOTAL	2	
MASSACHUSETTS GENERAL HOSPITAL		
1K04 AM00937-01	QUARONI, ANDREA	INTESTINAL CELL DIFFERENTIATION AND GROWTH REGULATION
1K07 NS00672-01	SCHWARTZ, WILLIAM J	BRAIN PEPTIDES AND THE REGULATION OF CIRCADIAN RHYTHMS
INSTITUTION TOTAL	2	
TUFTS UNIVERSITY		
1K04 AM01029-01	ANDERSON, ROGER S	ARTICULAR CARTILAGE PROTEOGLYCAN PHOSPHORYLATION
INSTITUTION TOTAL	1	
CITY TOTAL	6	
STATE TOTAL	6	
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1K07 NS00708-01	DOROVINI-ZIS, KATERINA	BLOOD-BRAIN BARRIER OPENING BY HYPEROSMOTIC SOLUTIONS
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
STATE TOTAL	1	
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1K08 AM01014-01	CHAVERS, BLANCHE M	IMMUNOHISTOCHEMICAL STUDIES IN IDDM FAMILIES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MISSOURI		
SAINT LOUIS		
WASHINGTON UNIVERSITY		
1K04 CA00829-01	COVEY, DOUGLAS F	SUICIDE SUBSTRATES: TOOLS FOR STEROID HORMONE STUDIES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
NEVADA		
RENO		
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO		
1K04 AM01004-01	COOKE, HELEN J	NEURAL AND HUMORAL CONTROL OF MUCOSAL TRANSPORT
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
NEW YORK		
ITHACA		
CORNELL UNIVERSITY ITHACA		
1K04 AM00974-01	QUE, LAWRENCE, JR	NON-HEME IRON DIOXYGENASES: STRUCTURE AND MECHANISM
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
NEW YORK		
NEW YORK		
YESHIVA UNIVERSITY		
1K04 AM01016-01	CHOWDHURY, JAYANTA R	THE MECHANISM OF BILE PIGMENT EXCRETION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
ROCHESTER		
UNIVERSITY OF ROCHESTER		
1K04 HL00966-01	BLAIR, MARTHA L	NEURAL CONTROL OF RENIN SECRETION
1K04 AM00827-01	HINKLE, PATRICIA M	ROLE OF TRH IN THE PITUITARY AND CNS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	4	
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1K04 HD00435-01	D'ERCOLE, A JOSEPH	FETAL GROWTH:HORMONAL CONTROL AND CELLULAR MECHANISMS
1K04 AM01043-01	ORRINGER, EUGENE P	RBC TRANSPORT, PHYSIOLOGY AND METABOLISM
1K04 AM00834-01	SPREMULLI, LINDA L	MECHANISMS OF PROTEIN BIOSYNTHESIS IN EUKARYOTES
1K04 NS00676-01	WEST, MEREDITH J	A DEVELOPMENTAL BIOASSAY OF VOCAL LEARNING
INSTITUTION TOTAL	4	
CITY TOTAL	4	
DURHAM		
DUKE UNIVERSITY		
1K08 AM01021-01	BURCH, WARNER M, JR	HORMONAL EFFECTS ON CARTILAGE GROWTH AND METABOLISM
1K04 HD00433-01	ENDOW, SHARYN A	GENETIC MECHANISMS AFFECTING GENE COPY NUMBER
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	6	
OHIO		
CINCINNATI		
UNIVERSITY OF CINCINNATI AT CINCINNATI		
1K04 AM00965-01	BUTLER, DAVID L	BIOMECHANICS OF HEALING COLLAGENOUS SOFT TISSUE

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
PENNSYLVANIA		
PHILADELPHIA		
CHILDREN'S HOSPITAL OF PHILADELPHIA		
1K08 HD00388-01A1	YANG, WILLIAM	CLINICAL INVESTIGATOR AWARD--PEDIATRICS
INSTITUTION TOTAL	1	
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA		
1K04 AM00847-01	BIESECKER, GREGORY	MECHANISMS OF COMPLEMENT-MEDIATED TISSUE DAMAGE
INSTITUTION TOTAL	1	
CITY TOTAL	2	
UNIVERSITY PARK		
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK		
1K04 CA00705-01A1	MASTRO, ANDREA M	PHORBAL ESTERS AND LYMPHOCYTE DIFFERENTIATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
SOUTH CAROLINA		
COLUMBIA		
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA		
1K04 AM00931-01	BAYNES, JOHN W	ROLE OF CARBOHYDRATE IN GLYCOPROTEIN METABOLISM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TEXAS		
DALLAS		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		
1K04 HD00454-01	SNELL, WILLIAM J	CELL SURFACE ADHESION AND CELL INTERACTIONS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
TEXAS		
DALLAS		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		
1K08 AM01003-01	THARP, MICHAEL D	MAST CELL FUNCTION IN HUMAN SKIN
INSTITUTION TOTAL	2	
CITY TOTAL	2	
GALVESTON		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON		
1K04 CA00805-01	CARNEY, DARRELL H	RECEPTOR-TRANSMEMBRANE CONTROL OF CELL PROLIFERATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1K08 AM01024-01	REDWINE, WILLIAM A	A TRANSPLANTABLE INSULIN PRODUCING RECONSTITUTED CELL
INSTITUTION TOTAL	1	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON AT HOUSTON		
1K04 AM01028-01	PANG, KC SANDY	ORGAN AND IN VIVO CLEARANCES OF DRUGS AND METABOLITES
INSTITUTION TOTAL	1	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		
1K04 AM00826-01	BOOTH, FRANK W	MUSCULAR ATROPHY IN DISUSE AND IN INSULIN RESISTANCE
1K04 AM00768-01	LEVER, JULIA E	REGULATION OF TRANSPORT & MEMBRANE FUNCTION
INSTITUTION TOTAL	2	
CITY TOTAL	4	
STATE TOTAL	7	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1K07 AG00164-01	LEVENTHAL, ELAINE A	GERIATRIC MEDICINE ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TOTAL	53	

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
1C06 EY04042-01A1	NORTON, EDWARD W	COMPLETION OF 3RD FLOOR SHELL SPACE	449,000

INSTITUTION TOTAL	1	449,000
CITY TOTAL	1	449,000
STATE TOTAL	1	449,000
TOTAL	1	449,000

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
MONTGOMERY			
BAPTIST MEDICAL CENTER			
1G07 LM03943-01	GREENE, JAMES E	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,000
INSTITUTION TOTAL	1	4,000	
CITY TOTAL	1	4,000	
STATE TOTAL	1	4,000	
CALIFORNIA			
FRESNO			
FRESNO COUNTY HEALTH DEPARTMENT			
1G07 LM03869-01	WITHROW, ROBERT P	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	3,210
INSTITUTION TOTAL	1	3,210	
CITY TOTAL	1	3,210	
REDDING			
SUPERIOR CALIFORNIA AREA HEALTH EDUCATION CENTER			
1G07 LM03879-01	GREGORY, RANDA A	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	21,500
INSTITUTION TOTAL	1	21,500	
CITY TOTAL	1	21,500	
STATE TOTAL	2	24,710	
IDAHO			
BOISE			
IDAHO ELKS REHABILITATION HOSPITAL			
1G07 LM03886-01	UDY, DAVE	MEDICAL LIBRARY RESEARCH IMPROVEMENT GRANT	4,250
INSTITUTION TOTAL	1	4,250	
CITY TOTAL	1	4,250	
STATE TOTAL	1	4,250	
IOWA			
CEDAR RAPIDS			
KIRKWOOD COMMUNITY COLLEGE			
1G07 LM03900-01	JAHNCKE, MAUDE	MEDICAL LIBRARY RESEARCH IMPROVEMENT GRANT	15,705
INSTITUTION TOTAL	1	15,705	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	15,705	
STATE TOTAL	1	15,705	
MAINE			
SACO			
SOUTHERN MAINE ASSOCIATION OF COOPERATING HOSPITALS			
1G07 LM03920-01	VOYVODICH, MARC E	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	16,920
INSTITUTION TOTAL	1	16,920	
CITY TOTAL	1	16,920	
STATE TOTAL	1	16,920	
MISSOURI			
KANSAS CITY			
ST. MARY'S HOSPITAL			
1G07 LM03964-01	DRAYSON, PAMELA	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	12,000
INSTITUTION TOTAL	1	12,000	
CITY TOTAL	1	12,000	
STATE TOTAL	1	12,000	
MONTANA			
BUTTE			
ST. JAMES COMMUNITY HOSPITAL			
1G07 LM03959-01	KUNKEL, MARITA	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,300
INSTITUTION TOTAL	1	4,300	
CITY TOTAL	1	4,300	
STATE TOTAL	1	4,300	
NEW MEXICO			
ALBUQUERQUE			
PRESBYTERIAN HOSPITAL CENTER			
1G07 LM03935-01	SAYLOR, HELEN H	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	26,817
INSTITUTION TOTAL	1	26,817	
CITY TOTAL	1	26,817	
STATE TOTAL	1	26,817	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS				
PARIS				
ST. JOSEPH'S HOSPITAL				
1G07 LM03925-01	MURPHY, JULIANN SISTER		MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,000
INSTITUTION TOTAL	1	4,000		
CITY TOTAL	1	4,000		
STATE TOTAL	1	4,000		
UTAH				
SALT LAKE CITY				
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH				
1G08 LM03864-01	PEAY, WAYNE J		REDESIGN AND STANDARDIZE THE MEDOC INDEX	68,000
INSTITUTION TOTAL	1	68,000		
CITY TOTAL	1	68,000		
STATE TOTAL	1	68,000		
VIRGINIA				
NEWPORT NEWS				
WHITTAKER MEMORIAL HOSPITAL				
1G07 LM03951-01	BROWN, BEVERLY		MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,000
INSTITUTION TOTAL	1	4,000		
CITY TOTAL	1	4,000		
STATE TOTAL	1	4,000		
WASHINGTON				
TOPPENISH				
CENTRAL MEMORIAL HOSPITAL				
1G07 LM03890-01	BRAY, ELIZABETH		MEDICAL LIBRARY RESEARCH IMPROVEMENT GRANT	4,450
INSTITUTION TOTAL	1	4,450		
CITY TOTAL	1	4,450		
STATE TOTAL	1	4,450		
WYOMING				
CASPER				
WYOMING FAMILY PRACTICE PROGRAM				
1G07 LM03845-01	LANGE, NAOMI W		MEDICAL LIBRARY RESEARCH IMPROVEMENT GRANT	7,782

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	7,782		
CITY TOTAL	1	7,782		
WYOMING				
LARAMIE				
UNIVERSITY OF WYOMING				
1G08 LM03861-01	TITUS, EDWARD G		WYOMING HEALTH SCIENCES INFORMATION NETWORK PROJECT	33,500
INSTITUTION TOTAL	1	33,500		
CITY TOTAL	1	33,500		
STATE TOTAL	2	41,282		
TOTAL	15	230,434		

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1U10 AM30618-01	TAMBORLANE, WILLIAM V	DIABETES CENTER COLLABORATIVE CLINICAL TRIAL	17,930
INSTITUTION TOTAL	1	17,930	
CITY TOTAL	1	17,930	
STATE TOTAL	1	17,930	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1U10 AM30659-01	SCHROTT, HELMUT G	CLINICAL CENTER FOR A COLLABORATIVE DIABETES TRIAL	32,010
INSTITUTION TOTAL	1	32,010	
CITY TOTAL	1	32,010	
STATE TOTAL	1	32,010	
MASSACHUSETTS			
BOSTON			
JOSLIN DIABETES CENTER			
1U10 AM30633-01	RAND, LAWRENCE I	METABOLIC CONTROL IN INSULIN-DEPENDENT DIABETES	30,630
INSTITUTION TOTAL	1	30,630	
MASSACHUSETTS GENERAL HOSPITAL			
1U10 AM30643-01	NATHAN, DAVID M	FEASIBILITY AND EFFICACY OF INTENSIVE DIABETES THERAPIES	21,783
INSTITUTION TOTAL	1	21,783	
CITY TOTAL	2	52,413	
STATE TOTAL	2	52,413	
MICHIGAN			
DETROIT			
HENRY FORD HOSPITAL			
1U10 AM30636-01	WHITEHOUSE, FRED W	TRIAL OF INSULIN-DEPENDENT DIABETES MELLITUS	27,482
INSTITUTION TOTAL	1	27,482	
CITY TOTAL	1	27,482	
STATE TOTAL	1	27,482	

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1U10 AM30626-01	BARBOSA, JOSE J		VASCULAR COMPLICATIONS OF INSULIN-DEPENDENT DIABETES	25,914
INSTITUTION TOTAL	1	25,914		
CITY TOTAL	1	25,914		
ROCHESTER				
MAYO FOUNDATION				
1U10 AM30609-01	SERVICE, F JOHN		VASCULAR COMPLICATIONS OF INSULIN-DEPENDENT DIABETES	30,472
INSTITUTION TOTAL	1	30,472		
CITY TOTAL	1	30,472		
SAINT LOUIS PARK				
ST. LOUIS PARK MEDICAL CENTER				
1U10 AM30598-01	ETZWILER, DONNELL D		INFLUENCE OF DIABETES CONTROL ON VASCULAR COMPLICATIONS	38,422
INSTITUTION TOTAL	1	38,422		
CITY TOTAL	1	38,422		
STATE TOTAL	3	94,808		
MISSOURI				
COLUMBIA				
UNIVERSITY OF MISSOURI-COLUMBIA				
1U10 AM30590-01	GOLDSTEIN, DAVID E		GLUCOSE CONTROL & VASCULAR DISEASE IN DIABETES MELLITUS	26,427
INSTITUTION TOTAL	1	26,427		
CITY TOTAL	1	26,427		
SAINT LOUIS				
WASHINGTON UNIVERSITY				
1U10 AM30653-01	SANTIAGO, JULIO V		BLOOD GLUCOSE CONTROL AND VASCULAR COMPLICATIONS	27,250
INSTITUTION TOTAL	1	27,250		
CITY TOTAL	1	27,250		
STATE TOTAL	2	53,677		

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR			TITLE OF RESEARCH PROPOSAL	DOLLA AWARD
NEW YORK					
NEW YORK					
CORNELL UNIVERSITY MEDICAL CENTER					
1U10 AM30627-01	JOVANOVIC, LOIS			CLINICAL TRIAL OF INSULIN-DEPENDENT DIABETES MELLITUS	24,8
INSTITUTION TOTAL		1	24,861		
CITY TOTAL		1	24,861		
STATE TOTAL		1	24,861		
OHIO					
CLEVELAND					
CASE WESTERN RESERVE UNIVERSITY					
1U10 AM30628-01	GENUTH, SAUL			CLINICAL TRIAL OF BLOOD GLUCOSE CONTROL IN DIABETES	15,2
INSTITUTION TOTAL		1	15,220		
CITY TOTAL		1	15,220		
STATE TOTAL		1	15,220		
PENNSYLVANIA					
PHILADELPHIA					
CHILDREN'S HOSPITAL OF PHILADELPHIA					
1U10 AM30619-01	BAKER, LESTER			JUVENILE DIABETES: INTENSIVE THERAPY CLINICAL TRIAL	25,
INSTITUTION TOTAL		1	25,086		
CITY TOTAL		1	25,086		
PITTSBURGH					
UNIVERSITY OF PITTSBURGH					
1U10 AM30665-01	DRASH, ALLAN L			BLOOD GLUCOSE CONTROL AND VASCULAR COMPLICATIONS OF IDDM	23,
INSTITUTION TOTAL		1	23,516		
CITY TOTAL		1	23,516		
STATE TOTAL		2	48,602		
SOUTH CAROLINA					
CHARLESTON					
MEDICAL UNIVERSITY OF SOUTH CAROLINA					
1U10 AM30651-01	COLWELL, JOHN A			COLLABORATIVE CLINICAL TRIAL:INSULIN-DEPENDENT DIABETICS	27,
INSTITUTION TOTAL		1	27,522		

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	27,522	
STATE TOTAL	1	27,522	
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1U10 CA31566-01	SIMONE, JOSEPH V	PEDIATRIC ONCOLOGY	52,388
INSTITUTION TOTAL	1	52,388	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
1U10 AM30625-01	KITABCHI, ABBAS E	GLYCEMIC CONTROL AND COMPLICATIONS IN DIABETES MELLITUS	33,538
INSTITUTION TOTAL	1	33,538	
CITY TOTAL	2	85,926	
NASHVILLE			
VANDERBILT UNIVERSITY			
1U10 AM30620-01	LORENZ, RODNEY A	BLOOD GLUCOSE CONTROL AND DIABETIC COMPLICATIONS	22,415
INSTITUTION TOTAL	1	22,415	
CITY TOTAL	1	22,415	
STATE TOTAL	3	108,341	
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
1U10 AM30611-01	RASKIN, PHILIP	VASCULAR COMPLICATIONS OF INSULIN-DEPENDENT DIABETES	34,218
INSTITUTION TOTAL	1	34,218	
CITY TOTAL	1	34,218	
STATE TOTAL	1	34,218	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1U10 AM30604-01	PALMER, JERRY P	IDDM CLINICAL TRIAL-BLOOD GLUCOSE/VASCULAR COMPLICATIONS	26,864
INSTITUTION TOTAL	1	26,864	
CITY TOTAL	1	26,864	

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	26,864	
CANADA			
LONDON			
UNIVERSITY OF WESTERN ONTARIO			
1U10 AM30666-01	DUPRE, JOHN	EFFECTS OF SUBCUTANEOUS INSULIN INFUSION IN DIABETES	22,348
INSTITUTION TOTAL	1	22,348	
CITY TOTAL	1	22,348	
TORONTO			
UNIVERSITY OF TORONTO			
1U10 AM30632-01	ZINMAN, BERNARD	VASCULAR COMPLICATIONS OF INSULIN-DEPENDENT DIABETES	14,795
INSTITUTION TOTAL	1	14,795	
CITY TOTAL	1	14,795	
STATE TOTAL	2	37,143	
TOTAL	22	601,091	

U.S. GOVERNMENT PRINTING OFFICE: 1982-361-132:587

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NEWARK PUBLIC LIBRARY

DEC 29 1982

U. S. GOVT. PUBS.
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NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

JULY, AUGUST, SEPTEMBER 1982

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service

HE 20.3034:

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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ACTIVITY CODES

C06 CANCER RESEARCH FACILITIES (NCI)

F05 INTERNATIONAL FELLOWSHIPS (FIC)
F06 SENIOR INTERNATIONAL FELLOWSHIPS (FIC)
F15 FOGARTY INTERNATIONAL SCHOLARSHIPS (FIC)
F20 FRENCH, SWISS, SWEDISH POSTDOCTORAL FELLOWSHIPS
F32 POSTDOCTORAL INDIVIDUAL NAT'L. RES. SERVICE AWD.
F33 NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS
F34 MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)
F36 MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)

G07 RESOURCES IMPROVEMENT GRANT (NLM)
G08 RESOURCES PROJECT GRANT (NLM)

K04 MODIFIED RESEARCH CAREER DEVELOPMENT AWARD
K07 ACADEMIC INVESTIGATOR AWARDS
K08 TEACHER INVESTIGATOR AWARDS
K10 SPECIAL SCIENTIFIC PROJECTS (NLM)

M01 GENERAL CLINICAL RESEARCH CENTERS (DRR)

N01 RESEARCH AND PROJECT CONTRACTS

P01 RESEARCH PROGRAM PROJECTS
P20 EXPLORATORY GRANTS
P30 CENTER CORE GRANTS
P40 ANIMAL RESOURCE GRANT PROGRAM (DRR)
P41 BIOTECHNOLOGY RESOURCE GRANT PROGRAM
P50 SPECIALIZED CENTER
P60 COMPREHENSIVE CENTER

R01 RESEARCH PROJECT GRANTS--TRADITIONAL
R03 SMALL GRANTS
R07 ICMR--INTERNATIONAL CENTERS FOR MEDICAL RESEARCH
R10 COOPERATIVE CLINICAL RESEARCH
R13 CONFERENCES--TRADITIONAL
R18 RESEARCH DEMONSTRATION AND DISSEMINATION PROJECTS
R21 EXPLORATORY/DEVELOPMENTAL GRANTS
R22 U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
R23 YOUNG, NEW, AND SPECIAL INVESTIGATOR AWARDS
R24 RESOURCE-RELATED RESEARCH PROJECTS (DRR)
R25 EDUCATION PROJECTS
R26 NATIONAL ORGAN SITE PROJECTS (NCI)

S06 MINORITY BIOMEDICAL SUPPORT--MBS (DRR)
S07 BIOMEDICAL RESEARCH SUPPORT GRANT (DRR)
S08 BIOMEDICAL RESEARCH DEVELOPMENT GRANT (DRR)
S10 BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS

T14 CONFERENCES
T32 INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
T35 NRSA PROFESSIONAL STUDENT SHORT-TERM RESEARCH TRAINING

U01 RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
U10 COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM NATIONAL INSTITUTE OF ARTHRITIS, DIABETES AND DIGESTIVE AND KIDNEY DISEASES
CA NATIONAL CANCER INSTITUTE

- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CM DIVISION OF CANCER TREATMENT
- CN DIVISION OF RESOURCES, CENTERS AND COMMUNITY ACTIVITIES
- CO OFFICE OF THE DIRECTOR, NCI
- CP DIVISION OF CANCER CAUSE AND PREVENTION

CL CLINICAL CENTER
CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE NATIONAL INSTITUTE OF DENTAL RESEARCH
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY NATIONAL EYE INSTITUTE
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

- HB DIVISION OF BLOOD DISEASES AND RESOURCES
- HI DIVISION OF INTRAMURAL RESEARCH
- HO OFFICE OF THE DIRECTOR, NHLBI
- HR DIVISION OF LUNG DISEASES
- HV DIVISION OF HEART AND VASCULAR DISEASES

NS NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG DIVISION OF RESEARCH GRANTS
RR DIVISION OF RESEARCH RESOURCES
RS DIVISION OF RESEARCH SERVICES
LM NATIONAL LIBRARY OF MEDICINE
OD OFFICE OF THE DIRECTOR, NIH

- DS DIVISION OF SAFETY

TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING JULY, AUGUST, SEPTEMBER, 1982

I/D	RESEARCH GRANTS AND COOPERATIVE AGREEMENTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	37	2,433,245	5	247,278	4	674,523	1	110,559	4	66,180	..	...	..	...
AI	107	6,790,293	7	304,622	5	732,012	4	551,832	16	310,272	..	...	..	...
AM	127	8,390,740	26	1,108,464	4	417,257	5	224,784	45	816,306	..	...	..	...
CA	244	18,660,502	7	278,396	..	...	6	423,251	13	231,127	..	...	..	...
CB	..	...	..	...	7	749,394	..	...	..	...	..	...	..	...
CL	..	...	..	...	4	1,272,105	..	...	..	...	..	...	..	...
CM	..	...	..	...	14	2,345,921	..	...	..	...	..	...	..	...
CN	..	...	..	...	3	483,223	..	...	..	...	..	...	..	...
CO	..	...	..	...	5	13,762,717	..	...	..	...	..	...	..	...
CP	..	...	..	...	16	4,284,135	..	...	..	...	..	...	..	...
DE	37	1,413,595	2	76,036	1	264,924	2	58,370	6	105,852	..	...	..	...
DS	..	...	..	...	2	391,636	..	...	..	...	..	...	..	...
ES	22	1,346,465	4	155,706	10	5,670,776	2	92,817	3	50,496	..	...	..	...
EY	60	3,144,337	..	...	..	...	1	37,007	15	273,556	2	434,000	..	...
GM	170	10,894,388	..	...	..	...	4	288,935	77	1,324,364	..	...	..	...
HD	112	6,709,822	12	489,083	7	2,055,618	2	156,060	23	400,780	..	...	..	...
HL	192	16,319,739	31	1,204,762	..	...	5	651,656	43	774,064	..	...	..	...
HO	..	...	..	...	2	761,914	..	...	..	...	..	...	..	...
HV	..	...	..	...	14	2,493,045	..	...	..	...	..	...	..	...
LM	3	59,210	..	...	12	2,521,085	..	...	..	...	..	...	6	126,895
NS	86	5,083,397	13	552,018	12	3,081,004	1	36,958	19	318,596	..	...	..	...
OD	..	...	..	...	2	215,000	..	...	..	...	..	...	..	...
RR	42	7,284,404	..	...	3	296,399	1	62,914	1	21,780	..	...	..	...
TW	..	...	..	...	..	...	..	...	32	761,758	..	...	..	...
	1,239	88,530,137	107	4,416,365	127	42,472,688	34	2,695,143	297	5,455,131	2	434,000	6	126,895

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS; INCLUDES CANCER CONTROL GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
AUBURN			
AUBURN UNIVERSITY AT AUBURN			
1R13 AI19067-01	BRIGGS, JOHN D	INVERTEBRATE PATHOLOGY COLLOQUIUM	6,840
INSTITUTION TOTAL	1	6,840	
CITY TOTAL	1	6,840	
BIRMINGHAM			
SOUTHERN RESEARCH INSTITUTE			
1R01 CA33237-01	WHEELER, GLYNN P	DNA-PROTEIN CROSS-LINKING BY ANTICANCER ALKYLATING AGENT	52,864
INSTITUTION TOTAL	1	52,864	
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM			
1R01 HD16199-01A1	CASSELL, GAIL H	UREAPLASMAS AND INFERTILITY IN A DEFINED SUBPOPULATION	72,743
1R23 HL29228-01	CHUNG, BYUNG H	KINETICS OF LIPOLYSIS IN NORMAL AND HYPERLIPEMIC PLASMA	337,370
1R23 HD16196-01A1	CRAGO, SYLVIA S	IMMUNOLOGIC CHARACTERIZATION OF HUMAN COLOSTRAL CELLS	32,549
1R01 DE06432-01	CURTISS, ROY, III	USE OF MUTANTS TO STUDY S MUTANS PATHOGENICITY	143,616
1R01 AM31394-01	MAYNE, RICHARD	STRUCTURE AND BIOSYNTHESIS OF BASEMENT MEMBRANE COLLAGEN	34,161
1P01 AI18745-01	MESTECKY, JIRI	PHYSIOLOGY AND IMMUNOPATHOLOGY OF IGA IMMUNE COMPLEXES	133,378
1R01 CA33038-01	NIEDERMEIER, WILLIAM	CLINICAL EVALUATION OF A BLOOD TEST FOR BREAST CANCER	61,894
1R03 EY04507-01	NORTON, THOMAS T	MECHANISMS OF MYOPIA DEVELOPMENT	6,036
1R01 HD16626-01	POIRIER, GARY R	ACROSIN INHIBITORS IN THE MALE REPRODUCTIVE TRACT	33,321
1R01 AM31101-01	RODEN, LENNART	BIOSYNTHESIS OF DERMATAN SULFATE PROTEOGLYCANS	135,932
1R01 HL28388-01	SEGREST, JERE P	COMPREHENSIVE IDENTIFICATION OF LIPOPROTEIN VARIANTS	75,515
1R01 AI19451-01	STRALEY, SUSAN C	PLASMID PVW-ENCODED VIRULENCE DETERMINANTS IN PLAGUE	79,761
1S10 RR01546-01	WELLS, ROBERT D	FERMENTATION EQUIPMENT	147,458
INSTITUTION TOTAL	13	1,293,734	
CITY TOTAL	14	1,346,598	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
1R23 HL29423-01	BURTON, KAREN P	ISCHEMIC MEMBRANE PATHOPHYSIOLOGY	33,950
1R01 NS16935-01A2	HUANG, CHI-MING	AUDITORY AREAS IN THE CEREBELLUM	54,125
1R03 EY04528-01	LAUSCH, ROBERT N	T CELL CLONES REACTIVE WITH HERPES SIMPLEX VIRUS	13,625
1R01 HL29455-01	MORTILLARO, NICHOLAS A	INTESTINAL INTERSTITIAL FLUID AND OSMOTIC PRESSURES	38,839
INSTITUTION TOTAL	4	140,539	
CITY TOTAL	4	140,539	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
TUSKEGEE INSTITUTE			
TUSKEGEE INSTITUTE			
1R23 RR01303-01A1	WILLIAMS, JOHN W, III	BANDING PATTERNS IN GEOGRAPHIC VARIETIES OF R PIPIENS	33,116
INSTITUTION TOTAL	1	33,116	
CITY TOTAL	1	33,116	
UNIVERSITY			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN UNIVERSITY			
1R01 HD15558-01A1	ELLIS, NORMAN R	ANALYSIS OF MEMORY PROCESSES IN THE RETARDED	44,713
INSTITUTION TOTAL	1	44,713	
CITY TOTAL	1	44,713	
STATE TOTAL	21	1,571,806	
ARIZONA			
TEMPE			
ARIZONA STATE UNIVERSITY			
1R01 HL27487-01A1	FISK, R LEIGHTON	ACUTE NON-OBSTRUCTIVE RIGHT HEART FAILURE	47,352
1R01 HD16788-01	MC GAUGHEY, ROBERT W	CYTOGENETICS AND ULTRASTRUCTURE OF MAMMALIAN OOCYTES	50,397
1R01 AG03438-01	MEYER, BONNIE J	COMPREHENSION AND USE OF PROSE IN MIDDLE AND LATER YEARS	40,160
1R23 HD15984-01A1	RICE, CATHERINE	CUMULUS CELL STEROIDS AND CAMP IN OOCYTE MATURATION	33,363
INSTITUTION TOTAL	4	171,272	
SOUTHWEST BIOMEDICAL RESEARCH INSTITUTE			
1R23 HD16850-01	GLOVER, THOMAS W	CYTOGENETIC STUDY OF FRAGILE-X-LINKED MENTAL RETARDATION	36,000
INSTITUTION TOTAL	1	36,000	
CITY TOTAL	5	207,272	
TUCSON			
UNIVERSITY OF ARIZONA			
1R01 HL29164-01	BRENDEL, KLAUS	SMALL DIAMETER VASCULAR PROSTHESES	69,988
1R03 AG03717-01	DRAY, ANDRE	ADRENERGIC-CHOLINERGIC ACTIONS RELATED TO DEMENTIA	14,400
1R23 NS17887-01	HAMM, THOMAS M	PROPERTIES AND SEGMENTAL ACTIONS OF GOLGI TENDON ORGANS	36,000
1R01 AG03460-01	MAYERSOHN, MICHAEL	GASTROINTESTINAL ABSORPTION IN THE ELDERLY	53,200
1R23 NS17886-01A1	MOSBERG, HENRY I	CONFORMATIONALLY RESTRICTED ENKEPHALIN ANALOGS	33,208
1R01 CA33336-01	STOUFFER, RICHARD L	GONADOTROPIN RECEPTORS IN MELANOMA AND OVARIAN CANCER	64,171
INSTITUTION TOTAL	6	270,967	
CITY TOTAL	6	270,967	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	11	478,239	
CALIFORNIA			
BERKELEY			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY--DEPARTMENT OF HEALTH SERVICES			
1R01 AI19257-01	PEREIRA, LENORE P	INTERACTION OF CMV WITH HOST CELLS	72,000
INSTITUTION TOTAL	1	72,000	
U.S. DEPARTMENT OF AGRICULTURE--AGRICULTURAL RESEARCH SERVICE			
1R01 CA28968-01A1	BERRY, DAVID L	MODE OF ACTION OF PHORBOL ESTERS IN EPIDERMAL CELLS	71,000
INSTITUTION TOTAL	1	71,000	
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1R01 CA31714-01	BRANSCOMB, ELBERT W	MONITORING IN VIVO SOMATIC MUTATIONS IN ANIMALS AND MAN	48,668
1R01 CA32986-01	COOPER, PRISCILLA K	INDUCIBLE RESPONSES TO CARCINOGENIC DNA DAMAGE	106,201
1R13 CA32959-01	CRAM, L SCOTT	NINTH CONFERENCE ANALYTICAL CYTOLOGY	15,000
1P41 RR01315-01A1	CRAM, L SCOTT	NATIONAL FLOW CYTOMETRY AND SORTING RESEARCH RESOURCE	469,263
1R01 GM30864-01	DANIELL, ELLEN	CHROMATIN PROTEINS: EFFECT ON TRANSCRIPTION IN VITRO	38,610
1R01 GM30781-01	HEARST, JOHN E	THE STRUCTURE OF RNA POLYMERASE TERNARY COMPLEXES	8,150
1R01 GM30786-01	HEARST, JOHN E	DIFFERENTIATION & GENETICS OF A PHOTOSYNTHETIC MEMBRANE	70,000
1R01 GM29815-01A1	HEATHCOCK, CLAYTON H	TOTAL SYNTHESIS OF COMPACTIN AND MEVINOLIN	60,345
1R01 CA31549-01	JENSEN, RONALD H	DETECTION OF SOMATIC CELL MUTATIONS IN HUMANS	117,767
1R01 AI18578-01A1	KAYALAR, CELIK	CHANNEL PROPERTIES AND IMMUNITY MECHANISM OF COLICIN E1	59,864
1P41 RR01237-01A1	LEMMON, RICHARD M	A NATIONAL TRITIUM LABELING FACILITY	375,000
1R01 AI19146-01	OHMAN, DENNIS E	GENETIC CONTROL OF ALGINATE IN PSEUDOMONAS AERUGINOSA	58,464
1R01 GM31105-01	RINE, JASPER D	ANALYSIS OF THE GENES CONTROLLING A POSITION EFFECT	82,935
1R01 AI18790-01	SAKANO, HITOSHI	SOMATIC DNA RECOMBINATION IN ANTIBODY GENES	85,451
1R01 GM31041-01	SCHLIWA, MANFRED	INTRACELLULAR ORGANELLE TRANSPORT	72,228
1R01 AI19490-01	STEWART, CARLETON C	PROLIFERATION AND FUNCTION OF MONONUCLEAR PHAGOGYTES	82,655
1R01 EY04372-01	TSIEN, ROGER Y	CYTOPLASMIC FREE CALCIUM IN INTACT AMPHIBIAN RODS	61,085
1R01 GM31004-01	TSIEN, ROGER Y	ROLE OF INTRACELLULAR FREE CALCIUM IN CELL PROLIFERATION	82,040
1R01 HD15324-01A1	VAN DEN BERG, BARBARA J	BREAST-FEEDING: EVALUATION OF ANTECEDENTS AND EFFECTS	61,620
INSTITUTION TOTAL	19	1,955,346	
CITY TOTAL	21	2,098,346	
CLAREMONT			
CLAREMONT UNIVERSITY CENTER SYSTEM--POMONA COLLEGE			
1R01 GM31003-01	TELZER, BRUCE R	CELL DIVISION: ANALYSIS OF THE MITOTIC APPARATUS	62,755
INSTITUTION TOTAL	1	62,755	
CITY TOTAL	1	62,755	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
DAVIS				
UNIVERSITY OF CALIFORNIA AT DAVIS				
1R01 EY03991-01	CHALUPA, LEO M		DEVELOPMENT AND REORGANIZATION OF PRENATAL VISUAL SYSTEM	93,850
1R01 CA33022-01	CHUANG, RONALD Y		CANCER CHEMOTHERAPY AT TRANSCRIPTIONAL LEVEL	63,103
1R01 HD16882-01	GROSS, DOUGLAS S		PRENATAL HORMONES & SEXUAL DIFFERENTIATION OF THE BRAIN	40,564
1R01 GM30062-01	NUCCITELLI, RICHARD L		DEVELOPMENT AND MAINTENANCE OF EPITHELIAL CELL POLARITY	71,305
1R01 HD16702-01	O'RAHILLY, RONAN		DEVELOPMENT OF NERVOUS SYSTEM	88,564
1R01 NS17777-01	REMLER, MICHAEL P		RADIATION-CONTROLLED FOCAL PHARMACOLOGY FOR EPILEPSY	60,000
INSTITUTION TOTAL	6	417,386		
CITY TOTAL	6	417,386		
DUARTE				
CITY OF HOPE NATIONAL MEDICAL CENTER				
1R01 NS18586-01	KRAUSE, DIANA N		CEREBROVASCULATURE IN VITRO--NEUROTRANSMITTERS & AGING	91,651
1R01 AI19398-01	SHIVELY, JOHN E		IA ANTIGENS IN HUMAN DISEASE: MICROSEQUENCE ANALYSIS	53,488
INSTITUTION TOTAL	2	145,139		
CITY OF HOPE RESEARCH INSTITUTE				
1R01 GM31259-01	ITAKURA, KEIICHI		ISOLATION OF NUCLEIC ACIDS USING SYNTHETIC DNA AS PROBE	79,750
1R01 HD16796-01	LIN, SYR-YAUNG		ESTROGEN RECEPTOR GENE SEQUENCES	65,683
INSTITUTION TOTAL	2	145,433		
CITY TOTAL	4	290,572		
IRVINE				
UNIVERSITY OF CALIFORNIA AT IRVINE				
1R01 AM30346-01A1	BALDWIN, KENNETH M		MYOSIN ISOZYMES IN OVERLOADED SKELETAL MUSCLE	52,620
1R01 HD16663-01	HELD, LEWIS I, JR		CONTROL OF SHAPE AND PATTERN IN EMBRYONIC DEVELOPMENT	37,051
1R23 CA33090-01	KLOSTERGAARD, JIM		BIOCHEMISTRY AND BIOLOGICAL ROLE OF LYMPHOTOXINS	37,500
1R01 GM30174-01	LANYI, JANOS		TIME-RESOLVED INFRARED SPECTROSCOPY OF BACTERIORHODOPSIN	82,728
1R01 NS18843-01	LESLIE, FRANCES M		CHARACTERIZATION OF THE KAPPA OPIOID RECEPTOR	44,070
1R01 GM30859-01	OVERMAN, LARRY E		GENERAL METHODS FOR SYNTHESIS OF BIOACTIVE AZACYCLICS	59,319
INSTITUTION TOTAL	6	313,288		
CITY TOTAL	6	313,288		
LA JOLLA				
LA JOLLA CANCER RESEARCH FOUNDATION				
1S10 RR01573-01	BIRDWELL, CHARLES R		ELECTRON MICROSCOPY IN ONCODEVELOPMENTAL BIOLOGY	101,400

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
LA JOLLA				
LA JOLLA CANCER RESEARCH FOUNDATION				
1R01 AM31273-01	ENGVALL, EVA S		RANDOM COIL COLLAGEN: STRUCTURE-FUNCTION RELATION	66,105
INSTITUTION TOTAL	2	167,505		
SALK INSTITUTE FOR BIOLOGICAL STUDIES				
1R01 NS18506-01	STANFIELD, BRENT B		STUDIES ON THE DEVELOPMENT OF THE CEREBRAL CORTEX	56,758
INSTITUTION TOTAL	1	56,758		
SCRIPPS CLINIC AND RESEARCH FOUNDATION				
1R01 GM31001-01	JOHNSON, ERIC F		CYTOCHROME P-450 POLYMORPHISM	82,236
1R01 CA32925-01	QUARANTA, VITO		PANCREATIC TUMOR ANTIGENS DEFINED BY MONOCLONAL ANTIBODY	53,679
INSTITUTION TOTAL	2	135,915		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1R01 NS18522-01	ALKSNE, JOHN F		PREVENTION OF INTRACRANIAL ARTERIAL REACTION TO SAH	85,018
1R01 AM30799-01	ANWER, MOHAMMED S		MECHANISM OF CANALICULAR BILE FORMATION AND CHOLESTASIS	58,453
1R01 HL27616-01A1	BAJAJ, S PAUL		BIOCHEMISTRY OF NORMAL, ABNORMAL VARIANTS OF FACTOR IX	91,133
1R26 CA29503-01A1	BELL, RICHARD H, JR		STUDIES OF EXPERIMENTAL PANCREAS CANCER	39,046
1R01 HL28143-01A1	BROWN, JOAN H		BIOCHEMICAL RESPONSES TO CARDIAC MUSCARINIC RECEPTORS	52,307
1R01 EY03832-01A1	CICERONE, CAROL M		THE CONTROL OF MAMMALIAN VISUAL SENSITIVITY	20,375
1R01 AI20067-01	GIGLI, IRMA		ACTIVATION OF THE COMPLEMENT SYSTEM	109,886
1R01 AI19863-01	GILLIN, FRANCES D		SECRETORY DEFENSES AGAINST GIADIA LAMBLIA	93,494
1R01 HL29006-01	HAMMEL, HAROLD T		MAMMALIAN THERMOREGULATORY THRESHOLD AND SENSITIVITY	41,410
1R01 NS18643-01	HARRIS, JEFFREY P		ASPECTS OF INNER EAR IMMUNOLOGY	56,598
1R01 HL29049-01	HILL, ESTHER P		GAS DIFFUSION ACROSS ALVEOLAR-CAPILLARY TISSUE	27,399
1R01 AM29779-01A1	MANOLAGAS, STAVROS		INTERACTION OF 1,25 (OH) ON OSTEOBLAST-LIKE CELLS	69,229
1R01 AM31299-01	MILLER, ARNOLD L		CHEDIAK-HIGASHI: LYSOSOMAL BIOGENESIS AND FUNCTION	80,815
1R23 HL29317-01	MOTULSKY, HARVEY J		MECHANISMS OF A2-ADRENERGIC RECEPTORS ON HUMAN PLATELETS	36,375
1R01 CA33030-01	ROSENFELD, MICHAEL G		NEUROENDOCRINE PEPTIDE SWITCHING EVENTS IN CANCER	112,516
1R01 HD15699-01A1	RUMBAUT, RUBEN G		MIGRATION, ADAPTATION, AND HEALTH: CROSS-CULTURAL STUDY	196,930
1R01 CA33397-01	SATO, GORDON H		MONOCLONAL ANTIBODY IN ANIMAL TUMOR MODELS	48,138
1R23 EY04475-01	SCHMIDT, JEFFREY A		METABOLIC REGULATION OF PHOTORECEPTOR EXCITABILITY	37,500
1R01 AM31385-01	SCHNEIDER, JERRY A		AMINOTHIOLS IN CYSTINOSIS	38,477
1R01 GM31253-01	SUBRAMANI, SURESH		MECHANISMS FOR GENETIC RECOMBINATION IN MAMMALIAN CELLS	65,967
INSTITUTION TOTAL	20	1,361,066		
CITY TOTAL	25	1,721,244		
LOMA LINDA				
LOMA LINDA UNIVERSITY				
1R01 HD16827-01	POWER, GORDON G		FETAL HEAT PRODUCTION AND TEMPERATURE REGULATION	77,866

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	77,866	
CITY TOTAL	1	77,866	
CALIFORNIA			
LOS ANGELES			
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 CA34871-01	JAY, SUSAN M	TREATMENT OF DISTRESS IN PEDIATRIC CANCER PATIENTS	47,607
1R01 GM30892-01	JONES, PETER A	DNA METHYLATION AND DEMETHYLATION IN CYCLING CELLS	67,430
INSTITUTION TOTAL	2	115,037	
U.S. VETERANS ADMINISTRATION OUTPATIENT CLINIC			
1R01 NS18614-01	SMIAROWSKI, RICHARD A	AUDITORY GAP DETECTION IN COCHLEAR IMPLANT PATIENTS	3,456
INSTITUTION TOTAL	1	3,456	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R26 CA32567-01	DEKERNION, JEAN B	CHEMOTHERAPY OF ADVANCED PROSTATE CANCER	79,001
1R23 AG03524-01	EFFROS, RITA B	THE IMMUNE RESPONSE OF AGED INFLUENZA	33,600
1R13 CA32621-01	FOX, C FRED	CONFERENCE ON CHEMISTRY AND BIOLOGY OF INTERFERONS	5,000
1R13 CA34154-01	FOX, C FRED	CONFERENCE ON EVOLUTION OF HORMONE-RECEPTOR SYSTEMS	5,000
1R01 AM31164-01	GITNICK, GARY L	CROHN'S DISEASE ANTIGEN IN LYMPHOMAS OF ATHYMIC MICE	58,370
1R01 NS18741-01	HALGREN, ERIC	NEURAL BASIS OF ENDOGENOUS POTENTIALS	58,181
1R01 NS18608-01	HORN, RICHARD J	CHANNEL AND LIPID PROPERTIES OF MEMBRANE PATCHES	76,639
1R01 HD14680-01A2	MEYERS, C EDWARD	EFFECT OF SCHOOLING SEVERELY IMPAIRED ON THE FAMILY	82,383
1R01 AM31393-01	TAYLOR, IAN L	PANCREATIC POLYPEPTIDE IN THE CONTROL OF BODY WEIGHT	50,232
1R01 GM31145-01	WEISS, RICHARD L	15N-NUCLEAR MAGNETIC RESONANCE IN BIOLOGY	65,006
1R01 GM30896-01	WILCOX, GARY L	MOLECULAR BASIS OF CONTROL IN THE L-ARABINOSE OPERON	80,000
1R01 EY04172-01	YAMADA, TADATAKA	THE RETINA: A MODEL FOR STUDY OF NEUROPEPTIDES	67,400
1R01 EY04110-01	ZAMPIGHI, GUIDO A	LENS STRUCTURE AND CELL COMMUNICATION	68,065
INSTITUTION TOTAL	13	728,877	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R01 GM29533-01A1	BAU, ROBERT	ABSOLUTE CONFIGURATION STUDIES BY NEUTRON DIFFRACTION	34,850
1R01 AM30254-01A1	HSUEH, WILLA A	BIOCHEMISTRY OF RENIN SECRETION IN MAN	78,933
1R24 RR01629-01	JELLIFFE, ROGER W	COMPUTER SYSTEMS FOR OPTIMAL CONTROL OF DOSAGE REGIMENS	149,832
1R01 AM31116-01	KASLOW, HARVEY R	REGULATION OF GLYCOGEN SYNTHASE BY PHOSPHORYLATION	70,942
1R01 AI19244-01	LAI, MICHAEL	MOUSE HEPATITIS VIRUS RNA SYNTHESIS	54,802
1R01 CA32262-01	MACK, THOMAS M	DETERMINANTS OF CANCER WITHIN DISEASE-DISCORDANT TWINS	293,957
1R01 AI19297-01	MC MILLAN, MINNIE	MOLECULAR CHARACTERIZATION OF IMMUNE-RELATED PROTEINS	98,394
1R01 CA32906-01	MIAN, ABDUL M	PRECLINICAL PHARMACOLOGY OF 3-DEAZAGUANINE	62,014
1R13 AI19090-01	OBRIEN, RICHARD L	15TH INTERNATIONAL LEUCOCYTE CULTURE CONFERENCE GRANT	7,500

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF SOUTHERN CALIFORNIA				
1R01 CA33512-01	PIKE, MALCOLM C		HORMONES IN THE ETIOLOGY OF BREAST AND PROSTATE CANCER	205,651
1R01 HD15999-01A1	WARREN, DWIGHT W, III		ENDOCRINOLOGY OF THE TESTIS: FETAL AND NEONATAL ASPECTS	60,299
INSTITUTION TOTAL	11	1,117,174		
CITY TOTAL	27	1,964,544		
MENLO PARK				
SRI INTERNATIONAL				
1R01 CA32250-01	ACTON, EDWARD M		SYSTEMATIC DEVELOPMENT OF NEW ANTITUMOR ANTHRACYCLINES	91,937
1R01 CA32428-01	DAWSON, MARCIA I		RETINOID TUMOR INHIBITORY ACTIVITY-TOXICITY PROBE	79,809
1R01 GM30890-01	GREEN, PHILIP S		ORTHOGRAPHIC ULTRASONIC TRANSMISSION IMAGING	43,865
1R01 HL27651-01A1	HECKER, MICHAEL H		CORONARY-PRONE DIMENSIONS OF TYPE A BEHAVIOR	101,861
1R01 ES02731-01A1	PETERS, JOHN H		FOOD-DERIVED PROMUTAGENS/PROCARCINOGENS	69,899
1R01 EY04133-01	PIANTANIDA, THOMAS P		FORM AND STEREOPSIS IN STABILIZED VISION	70,956
1R01 AG03537-01	ROBINS, PHILIP K		ECONOMIC DETERMINANTS OF RETIREMENT DECISIONS	42,416
1S10 RR01584-01	TANABE, MASATO		HIGH-FIELD NUCLEAR MAGNETIC RESONANCE SPECTROMETER	175,000
INSTITUTION TOTAL	8	675,743		
CITY TOTAL	8	675,743		
NORTHRIDGE				
J. DAVID GLADSTONE FOUNDATION				
1R01 HL28178-01	INNERARITY, THOMAS L		LIPOPROTEIN METABOLISM/NEW HEPATIC APOPROTEIN E RECEPTOR	55,921
INSTITUTION TOTAL	1	55,921		
CITY TOTAL	1	55,921		
PALO ALTO				
AMERICAN INSTITUTES FOR RESEARCH				
1R01 HD16612-01	CARD, JOSEFINA J		DIFFERENCES IN CONTRACEPTIVE DECISION-MAKING	30,270
INSTITUTION TOTAL	1	30,270		
NORTHERN CALIFORNIA CANCER PROGRAM, INC.				
1P01 CA33303-01	PAPAHADJOPOULOS, DEMETRIOS P		NEW APPROACHES TO DRUG DEVELOPMENT AND TESTING	214,230
INSTITUTION TOTAL	1	214,230		
CITY TOTAL	2	244,500		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
PASADENA				
CALIFORNIA INSTITUTE OF TECHNOLOGY				
1R01 AI19296-01	SIMON, MELVIN I		MECHANISMS OF MOTILITY/CHEMOTAXIS IN BACTERIA	110,011
INSTITUTION TOTAL	1	110,011		
CITY TOTAL	1	110,011		
RIVERSIDE				
UNIVERSITY OF CALIFORNIA AT RIVERSIDE				
1R01 AM31138-01	DUNN, MICHAEL F		THE IN VITRO ASSEMBLY OF THE INSULIN HEXAMER	40,601
1R01 GM30081-01	MIDLAND, M MARK		STEREOSPECIFIC SYNTHESIS STEROID SIDE-CHAIN METABOLITES	48,308
INSTITUTION TOTAL	2	88,909		
CITY TOTAL	2	88,909		
SAN DIEGO				
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY				
1R01 AG04085-01	MURPHY, CLAIRE L		CHEMOSENSORY PRECEPTIN AND PSYCHOPHYSICS IN THE AGED	42,749
INSTITUTION TOTAL	1	42,749		
CITY TOTAL	1	42,749		
SAN FRANCISCO				
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN FRANCISCO STATE UNIVERSITY				
1R01 GM31674-01	EDEN, DON		STRUCTURE AND ENVIRONMENT OF NUCLEIC ACIDS IN SOLUTION	82,019
INSTITUTION TOTAL	1	82,019		
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO				
1R01 EY04380-01	COGAN, ALEXANDER I		BINOCULAR CONTOUR INTERACTIONS	65,082
1R01 HL29573-01	SCHERWITZ, LARRY W		TYPE-A SPEECH CHARACTERISTRICS & CORONARY HEART DISEASE	85,736
INSTITUTION TOTAL	2	150,818		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1R23 HL29377-01	ALBERTINE, KURT H		SITE OF LEUCOCYTE-MEDIATED MICROEMBOLISM LUNG INJURY	34,759
1R01 AM31347-01	BAXTER, JOHN D		GLUCUCORTICOID REGULATION OF TRANSFERRED GENES	47,644
1R01 HL29476-01	BENOWITZ, NEAL L		PHARMACOLOGY OF NICOTINE IN HUMAN CARDIOVASCULAR DISEASE	77,532
1R01 AM31198-01	BISSELL, DWIGHT M, JR		CELLULAR PATHOPHYSIOLOGY OF HEPATIC FIBROSIS	132,137
1R01 GM30072-01	BLAKE, JAMES J		CHEMICAL SYNTHESIS OF PROTEINS	55,558
1R01 HL29420-01	BRUNDAGE, BRUCE H		IMAGING MYOCARDIAL INFARCTION BY CONTRAST ENHANCED CTT	86,976

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1R01 HD17491-01	CUNHA, GERALD R	NORMAL AND ABNORMAL UTERO-VAGINAL DEVELOPMENT	162,360
1R01 EY03917-01A1	DAWSON, CHANDLER R	PROBLEMS IN EYE INFECTIONS	98,939
1R01 HL29300-01	DEISSEROTH, ALBERT B	ACQUIRED INBORN DISORDERS OF THE ALPHA GLOBIN GENES	106,513
1R23 AM30513-01A1	HALLORAN, BERNARD P	CALCIUM TRANSPORT IN THE INTESTINE DURING LACTATION	32,808
1R01 AM29890-01A1	HARRISON, MICHAEL R	CORRECTION OF CONGENITAL HYDRONEPHROSIS IN UTERO	131,238
1S10 RR01508-01	LA VAIL, JENNIFER H	HIGH-RESOLUTION ELECTRON MICROSCOPE	141,000
1R01 CA33137-01	LEVY, JAY A	ROLE OF ENDOGENOUS XENOTROPIC VIRUSES	78,528
1R01 CA32826-01	MACHER, BRUCE A	GLYCOSPHINGOLIPIDS IN ONCOGENESIS AND DIFFERENTIATION	64,781
1R13 CA33891-01	MARGULIS, ALEXANDER R	1ST ANNUAL CONF ON MAGNETIC RESONANCE IMAGING SOCIETY	30,750
1R01 HL28364-01A1	MITCHELL, ROBERT A	RESPIRATORY PATTERN GENERATORS & AIRWAY MOTOR CONTROL	84,898
1R01 AG03471-01	MITTENESS, LINDA S	THE BEHAVIORAL CONTEXT OF INCONTINENCE IN THE ELDERLY	74,254
1R01 CA33537-01	PENG, CHIN-TZU	TRITIUM LABELING-MECHANISMS AND METHODS	56,140
1R01 AI19744-01	RUTTER, WILLIAM J	MOLECULAR ANALYSIS OF HEPATITIS B VIRUS	108,192
1R01 AI19358-01	SANTI, DANIEL V	ENZYMES OF FOLATE METABOLISM IN PROTOZOA: LEISHMANIA	106,185
1R23 HL29246-01	SHELLITO, JUDD E	FUNCTIONAL SUBPOPULATIONS OF ALVEOLAR MACROPHAGES	34,759
1R23 AM31507-01	SPRANG, STEPHEN R	CRYSTALLOGRAPHIC ANALYSIS OF PHOSPHORYLASE ACTIVATION	34,127
1R01 GM30544-01	VAN DYKE, CRAIG	BEHAVIORAL CONDITIONING IN AUTOIMMUNE DISEASES	37,025
1R01 AI18782-01	VARMUS, HAROLD E	THE MOLECULAR BIOLOGY OF HEPATITIS B-TYPE VIRUSES	52,800
1R01 AI19391-01	WANG, CHING C	PURINE & PYRINIDINE METABOLISM IN TRICHOMONAS & GIARDIA	143,219
1R01 CA32644-01	WILLIAMS, RICHARD D	LASER TREATMENT OF PHOTOSENSITIZED HUMAN BLADDER TUMORS	33,393
1R01 GM30840-01	ZAKIM, DAVID	METABOLISM OF DRUGS, TOXINS, & ENVIRONMENTAL POLLUTANTS	63,634
INSTITUTION TOTAL	27	2,110,149	
UNIVERSITY OF THE PACIFIC			
1R01 GM31083-01	MURPHY, ALEXANDER J	SARCOPLASMIC RETICULUM ATPASE--STRUCTURE AND MECHANISM	57,180
INSTITUTION TOTAL	1	57,180	
CITY TOTAL	31	2,400,166	
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
1R23 HD16956-01	ASAI, DAVID J	IMMUNOLOGICAL STUDIES OF SPERM MOTILITY	36,000
1R01 HD16791-01	TRIPLETT, EDWARD L	DIFFERENTIATION OF NEURAL CREST CELLS	56,537
INSTITUTION TOTAL	2	92,537	
CITY TOTAL	2	92,537	
SANTA MONICA			
RAND CORPORATION			
1R01 HD15811-01A1	WARD, MICHAEL P	LABOR MARKETS AND FERTILITY: TIME SERIES INTERACTIONS	91,299
INSTITUTION TOTAL	1	91,299	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	91,299	
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1R01 CA33056-01	CALOS, MICHELE P	MUTATION IN HUMAN CELLS AT THE DNA SEQUENCE LEVEL	81,374
1R23 CA33096-01	ENNS, CAROLINE A	HUMAN TRANSFERRIN RECEPTOR IN PROLIFERATING CELLS	35,993
1R01 CA32827-01	HAHN, GEORGE MAX	HYPERTHERMIA, RADIATION, MEMBRANE STRUCTURE AND FUNCTION	70,000
1R01 GM31206-01	HOFFMAN, BRIAN B	ALPHA2 RECEPTOR MEDIATED INHIBITION OF ADENYLATE CYCLASE	101,646
1R13 RR01611-01	JARDETZKY, OLEG	CONFERENCE ON MAGNETIC RESONANCE	30,000
1R01 HD17031-01	KEDES, LAURENCE H	ORGANIZATION AND REGULATION OF THE HUMAN ACTIN GENES	93,759
1R01 CA32739-01	LEVY, RONALD	HUMAN T LYMPHOCYTE ANTIGENS AND THEIR GENES	81,957
1R01 CA33399-01	LEVY, RONALD	HUMAN ANTITUMOR THERAPY WITH MONOCLONAL ANTIBODIES	206,044
1R01 GM30962-01	LONG, SHARON R	EARLY GENE EXPRESSION IN THE RHIZOBIUM-LEGUME SYMBIOSIS	82,038
1R01 GM31225-01	OKARMA, THOMAS B	RNA PROCESSING BY THE EXTRACTABLE NUCLEAR ANTIGEN	71,322
1R01 GM31218-01	SKLAR, JEFFREY L	TRANSCRIPTION OF HUMAN GLOBIN GENES IN DNA VECTORS	63,050
1P01 GM30387-01	SPUDICH, JAMES A	MEMBRANE CHANNELS, RECEPTORS AND ANCHORS	289,281
1R01 HD16740-01	STOCKDALE, FRANK E	THE MYOGENIC CELL SURFACE	107,491
1R01 HD16131-01A1	SUNSHINE, PHILIP	DEVELOPMENT OF INTESTINAL FUNCTION	70,348
1R01 NS17662-01A1	ZAJAC, FELIX E, III	INTERMUSCULAR COORDINATION OF MAMMALIAN MOVEMENT	90,718
INSTITUTION TOTAL	15	1,475,021	
CITY TOTAL	15	1,475,021	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R13 AM31614-01	KOPPLE, JOEL D	3RD CONGRESS ON NUTRITION & METABOLISM IN RENAL DISEASE	13,000
1R01 AI19340-01	WARD, JOEL I	HEMOPHILUS INFLUENZAE TYPE B DISEASE IN ALASKAN ESKIMOS	230,240
INSTITUTION TOTAL	2	243,240	
CITY TOTAL	2	243,240	
STATE TOTAL	157	12,466,097	
COLORADO			
ASPEN			
ASPEN CENTER FOR PHYSICS			
1R13 RR01628-01	GOAD, WALTER B	WORKSHOP ON COMPUTATIONAL ANALYSIS OF DNA SEQUENCES	22,830
INSTITUTION TOTAL	1	22,830	
CITY TOTAL	1	22,830	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1R01 GM29543-01A1	BLOEDOW, DUANE C	POSTBURN SERUM DRUG BINDING IN HUMANS	40,759
1R01 CA33497-01	MALKINSON, ALVIN M	PROMOTION OF LUNG TUMORS BY BHT AND GLUCOCORTICOIDS	74,667
1R01 AM31319-01	MC CONKEY, EDWIN H	CYSTIC FIBROSIS: PROTEIN SYNTHESIS IN VARIOUS CELLS	51,367
1R01 AI19762-01	MC KAY, DAVID B	THREE-DIMENSIONAL STRUCTURE OF PSEUDOMONAS TOXIN	18,176
1R01 GM31013-01	MOLANDER, GARY A	STEREOSPECIFIC SYNTHESES VIA ALLYLMETALLATION REACTIONS	50,267
1R01 GM31051-01	WALBA, DAVID M	TOTAL SYNTHESES OF ZOAPATANOL AND EUNICELLINS	42,999
1R01 GM30881-01	YARUS, MICHAEL J	TRNA STRUCTURE/FUNCTION STUDIES VIA GENE CONSTRUCTION	155,506
INSTITUTION TOTAL	7	433,741	
CITY TOTAL	7	433,741	
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
1R01 GM29986-01	CHIKARAISHI, DONA M	REGULATION OF MAMMALIAN RIBOSOMAL 45S RNA SYNTHESIS	47,975
1R01 AM31514-01	CLARK, RICHARD A	FIBRONECTIN AND CELL RECRUITMENT	75,101
1R01 AI19345-01	SUESS, WILLIAM M	CHILDHOOD ASTHMA: STEROID THERAPY & SCHOOL PERFORMANCE	50,544
INSTITUTION TOTAL	3	173,620	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER			
1R23 CA33364-01	ANTONY, ASOK C	STUDIES ON THE CELLULAR UPTAKE OF FOLATES	35,493
1R23 AI19384-01	ANTONY, VEENA B	NEUTROPHIL MEDIATED RESPONSES IN TUBERCULOSIS	33,486
1R01 HL28849-01	BANCHERO, NATALIO	FACTORS INFLUENCING POSTNATAL LUNG DEVELOPMENT	49,924
1R01 AM31220-01	CLAMAN, HENRY N	AN EXPERIMENTAL MODEL FOR SCLERODERMA	72,523
1R23 HL29219-01	DITCHEY, ROY V	CORONARY BLOOD FLOW DURING CLOSED-CHEST RESUSCITATION	34,653
1R01 HD16600-01	GOODMAN, STEPHEN I	GENETIC AND BIOCHEMICAL STUDIES IN GLUTARIC ACIDEMIAS	46,547
1R03 DE06313-01	GREER, ROBERT O	ORAL CHANGES ASSOCIATED W/ TEENAGE SMOKELESS TOBACCO USE	7,298
1R01 AM31317-01	KOLTERMAN, ORVILLE G	CONTROL OF HEPATIC GLUCOSE OUTPUT IN TYPE II DIABETES	59,585
1R01 AM31112-01	METZ, STEWART A	ARACHIDONIC ACID METABOLISM AND EFFECTS IN ISLET CELLS	55,182
1R01 CA33135-01	SIDDIQUI, ALEEM	EXPRESSION OF HEPATITIS B VIRUS GENES AND HEPATOMA	65,857
1R01 NS18531-01	STEWART, JOHN M	SUBSTANCE P AND BRAIN FUNCTION: STRUCTURE & ACTIVITY	72,544
INSTITUTION TOTAL	11	533,092	
CITY TOTAL	14	706,712	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1R22 AI19688-01	BEATY, BARRY J	BUNYAVIRUS REASSORTANTS IN VECTORS	61,466
INSTITUTION TOTAL	1	61,466	
CITY TOTAL	1	61,466	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	23	1,224,749		
CONNECTICUT				
FARMINGTON				
UNIVERSITY OF CONNECTICUT HEALTH CENTER				
1R01 HD16481-01	BALLOW, MARK		HUMAN MILK AND IMMUNE DEVELOPMENT IN PREMATURE INFANTS	86,564
1R01 AM31474-01	CLARK, ROBERT B		T CELL CLONES IN RHEUMATOID ARTHRITIS	67,550
1R13 AI19187-01	COHEN, STANLEY		THIRD INTERNATIONAL LYMPHOKINE WORKSHOP	13,000
1R03 EY04503-01	KOSUDA, LINDA L		IMMUNOPATHOLOGY OF LENS-INDUCED UVEITIS	15,000
1R01 CA32991-01	LURIE, ALAN G		LOW-DOSE X-RADIATION EFFECTS ON DMBA-DNA INTERACTIONS	76,463
INSTITUTION TOTAL	5	258,577		
CITY TOTAL	5	258,577		
MIDDLETOWN				
WESLEYAN UNIVERSITY				
1R01 GM30816-01	POTTER, STANLEY S		EUCARYOTIC TRANSPOSABLE GENETIC ELEMENTS	73,000
INSTITUTION TOTAL	1	73,000		
CITY TOTAL	1	73,000		
NEW HAVEN				
YALE UNIVERSITY				
1R01 GM30787-01	BERSON, JEROME A		MECHANISTIC BASES OF SYNTHETIC STRATEGY	62,955
1R01 HL28952-01	CONTRERAS, ROBERT J		BEHAVIORAL ASPECTS OF SALT INTAKE AND HYPERTENSION	63,092
1R03 EY04526-01	COREY, DAVID P		MECHANISM OF TRANSDUCTION BY VERTEBRATE PHOTORECEPTORS	14,017
1R01 CA32968-01	FRIEDLAENDER, GARY E		MORPHOLOGIC AND IMMUNOLOGIC RESPONSES TO BONE ALLOGRAFTS	268,575
1R01 AG02742-01A1	GALSTON, ARTHUR W		CONTROL OF GROWTH AND SENESCENCE BY POLYAMINES	48,156
1R01 GM30562-01	GERLT, JOHN A		31P AND 17O NMR STUDIES OF OLIGONUCLEOTIDE CONFORMATION	43,059
1R01 CA32799-01	GHOSH, PRABHAT K		REGULATION OF SIMIAN VIRUS 40 TRANSCRIPTION	55,749
1R01 HL27207-01A2	GILLIS, NORMAN C		EARLY DETECTION OF LUNG INJURY IN SURGICAL PATIENTS	84,256
1R01 HD16832-01	GRIFFITH, BRIGITTE P		CONGENITAL CMV INFECTION & IMMUNE DEVELOPMENT	56,227
1R23 HD16908-01	KIMURA, ROBERT E		EFFECTS OF NUTRITION ON NEONATAL INTESTINAL METABOLISM	34,080
1R23 LM03978-01	MILLER, PERRY L		A SYSTEM WHICH CRITIQUES AN ANESTHETIC MANAGEMENT PLAN	32,752
1R23 HD16962-01	POLAN, MARY L		EFFECT OF PROLACTIN AND ADENOSINE ON GRANULOSA CELLS	31,997
1R01 NS18082-01A1	STEWART, WILLIAM B		BLOOD FLOW IN THE CONTUSED SPINAL CORD	38,200
1R01 HL29325-01	TILSON, MARTIN D		AORTIC ANEURYSMS IN MUTANT MICE AND SURGICAL PATIENTS	49,425
1R01 GM31073-01	WEINER, ALAN M		TRANSCRIPTION AND FUNCTION OF HUMAN SMALL NUCLEAR RNAS	56,987
INSTITUTION TOTAL	15	939,527		
CITY TOTAL	15	939,527		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
STORRS			
UNIVERSITY OF CONNECTICUT STORRS			
1R01 CA33195-01	BOBBITT, JAMES M	ELECTROCHEMICAL APPROACHES TO ANTICANCER INDOLES	50,593
1R01 ES02972-01	LAVELLE, JAMES M	INTERACTIONS BETWEEN METALS AND NON-METAL MUTAGENS	56,667
INSTITUTION TOTAL	2	107,260	
CITY TOTAL	2	107,260	
STATE TOTAL	23	1,378,364	
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
1R01 AM30964-01	SCOTT, THOMAS R	GUSTATORY INVOLVEMENT IN INGESTION	33,553
1R23 HL28084-01	STEPHENS, GREGORY A	A VASCULAR RECEPTOR MODEL FOR RENIN CONTROL	36,688
1R01 AG03577-01	WETLAUFER, DONALD B	MOLECULAR MECHANISMS OF PROTEIN AGING	39,556
INSTITUTION TOTAL	3	109,797	
CITY TOTAL	3	109,797	
STATE TOTAL	3	109,797	
DIST OF COL			
WASHINGTON			
AMERICAN CHEMICAL SOCIETY			
1R13 CA32774-01	NIEDERMEIER, WILLIAM	SYMPOSIUM ON ANTICANCER AND ANTIVIRAL AGENTS	2,223
INSTITUTION TOTAL	1	2,223	
AMERICAN UNIVERSITY			
1R01 NS18640-01	SLOTNICK, BURTON M	ZINC DEPENDENT CHANGES IN TASTE AND OLFACTION	41,408
INSTITUTION TOTAL	1	41,408	
CATHOLIC UNIVERSITY OF AMERICA			
1R23 HD16844-01	COATES, DEBORAH L	ADOLESCENT SOCIAL NETWORKS AS PREDICTORS OF DEVELOPMENT	31,268
INSTITUTION TOTAL	1	31,268	
GEORGE WASHINGTON UNIVERSITY			
1R13 HL29405-01	BECKER, KENNETH L	THE ENDOCRINE LUNG IN HEALTH AND DISEASE	23,280
1R01 HD16405-01A1	CARON, ROSE F	DISCRIMINATION OF EMOTIONAL EXPRESSIONS IN INFANCY	53,783

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL				
WASHINGTON				
GEORGE WASHINGTON UNIVERSITY				
1R01 CA31324-01A1	GARRETT, CARLETON T		GENE EXPRESSION IN NUTRITIONALLY PROMOTED CANCER	69,769
1R01 CA34121-01	HUANG, KUN-YEN		EFFECT OF THYMOSIN ON INTERFERON INDUCTION	54,744
1R01 NS17468-01A1	ROSENSTEIN, JEFFREY M		NEURAL TRANSPLANTS: INTERACTIONS WITH DEVELOPING BRAIN	40,343
1R01 HL27848-01A1	VAHOUNY, GEORGE V		EXPERIMENTAL DIABETES AND LIPOPROTEIN METABOLISM	67,827
1R01 CA34428-01	WEI, LEE-JEN		SOME NONPARAMETRIC STATISTICAL INFERENCE PROBLEMS	19,859
1R01 CA33482-01	WILLIAMS, JERRY R		CELLULAR HYPERMUTABILITY IN CANCER PROMOTION	65,151
1R01 CA33126-01	WILLIAMS, JERRY R		X-RAY INDUCTION OF CELLULAR HYPERMUTABILITY	53,198
1R01 ES03000-01	WILLIAMS, JERRY R		MECHANISMS OF CHEMICAL INTERACTION IN CARCINOGENESIS	90,595
INSTITUTION TOTAL	10	538,549		
GEORGETOWN UNIVERSITY				
1R01 AM30499-01A1	FOEGH, MARIE L		TXB2 IN KIDNEY REJECTION	81,591
1R01 EY04361-01	LEMP, MICHAEL A		TEAR PRODUCTION, THE OCULAR SURFACE AND CONTACT LENSES	64,127
1R01 CA33454-01	NEEFE, JOHN R		INDUCTION OF ANTITUMOR EFFECTORS BY MONOCLONAL ANTIBODY	48,030
INSTITUTION TOTAL	3	193,748		
HOWARD UNIVERSITY				
1R01 GM30347-01	FRANKEL, JACK S		ONTOGENETIC PATTERNS OF ENZYME LOCUS EXPRESSION	28,065
1R13 RR01622-01	LITTLETON, GEORGE K		ELEVENTH AND TWELFTH ANNUAL MBS SYMPOSIUM	75,467
INSTITUTION TOTAL	2	103,532		
U.S. DEPARTMENT OF DEFENSE--ARMED FORCES INSTITUTE OF PATHOLOGY				
1R26 CA32570-01	MC LEOD, DAVID G		SUPPORT OF NATIONAL PROSTATIC CANCER PROJECT	36,073
INSTITUTION TOTAL	1	36,073		
U.S. DEPARTMENT OF THE NAVY--NAVAL RESEARCH LABORATORY				
1R01 GM30902-01	KARLE, ISABELLA L		X-RAY DIFFRACTION STUDIES OF OLIGOPEPTIDES	53,550
INSTITUTION TOTAL	1	53,550		
URBAN INSTITUTE				
1R01 HD16840-01	O'NEILL, JUNE A		DETERMINANTS OF CHILD SUPPORT	56,299
INSTITUTION TOTAL	1	56,299		
WASHINGTON HOSPITAL CENTER				
1R03 EY04491-01	KOGAN, LEONARD L		CORNEAL EFFECTS OF BETA-AMINOPROPRIONITRILE	12,450
INSTITUTION TOTAL	1	12,450		
CITY TOTAL	22	1,069,100		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	22	1,069,100	
FLORIDA			
BOCA RATON			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA ATLANTIC UNIVERSITY			
1R01 HD16712-01	JOHANSON, INGRID B	PROCESSES OF LEARNING AND MEMORY IN INFANCY	27,581
INSTITUTION TOTAL	1	27,581	
CITY TOTAL	1	27,581	
CORAL GABLES			
UNIVERSITY OF MIAMI			
1R01 AG03266-01	LONGINO, CHARLES F, JR	ELDERLY MIGRATION PATTERNS--PHASE II	119,624
1R01 NS18749-01	SCHNEIDERMAN, NEIL	CNS MEDIATION OF CEREBRAL ISCHEMIC RESPONSE	38,627
INSTITUTION TOTAL	2	158,251	
CITY TOTAL	2	158,251	
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R01 HL30059-01	AYOUB, ELIA M	IMMUNOREGULATION IN RHEUMATIC FEVER	53,822
1R01 GM30554-01	CHAU, VINCENT	MECHANISM OF ENZYME REGULATION BY CALMODULIN	55,102
1R03 DE06354-01	CLARK, WILLIAM B	FUNCTIONAL INHIBITION ASSAY--DETECT SALIVARY ANTIBODIES	7,500
1R01 AM31127-01	COUSINS, ROBERT J	ZINC AND THE SYNTHESIS OF ZINC BINDING PROTEIN	65,203
1R03 AG03736-01	CREWS, FULTON T	AGE DEPENDENT CHANGES IN SYNAPTOSOMAL MEMBRANE FLUIDITY	14,375
1R01 HL29394-01	FISHER, WALDO R	COORDINATION OF APOLIPOPROTEIN METABOLISM IN MAN	156,384
1R01 AM31580-01	KILBERG, MICHAEL S	ADAPTIVE PROCESSES FOR AMINO ACID UPTAKE BY LIVER CELLS	35,982
1R01 CA34108-01	KIMURA, ARTHUR K	STRUCTURES RELATED TO FUNCTION ON CYTOTOXIC T CELLS	55,255
1R01 ES02895-01	LEIBMAN, KENNETH C	BIOCHEMICAL TOXICOLOGY OF ENVIRONMENTAL ALKENES	84,522
1R01 CA33361-01	PRESTON, JAMES F	CYTOTOXICITY OF AMANITIN ANTIBODY CONJUGATION	67,386
1R01 AM30187-01A1	STAINSBY, WENDELL N	DETERMINANTS OF SKELETAL MUSCLE LACTIC ACID EXCHANGE	53,829
1R01 NS17474-01A1	VIERCK, CHARLES J, JR	MOVEMENT DEFICITS FOLLOWING SPINAL CORD LESIONS	35,604
INSTITUTION TOTAL	12	684,964	
CITY TOTAL	12	684,964	
MIAMI			
UNIVERSITY OF MIAMI			
1R23 EY03934-01A1	BLUMENKRANZ, MARK S	A PHARMACOLOGIC APPROACH TO INTRAOCULAR PROLIFERATION	33,968
1R01 HL28130-01	MYERBURG, ROBERT J	FORMS AND RESPONSES OF VENTRICULAR ARRHYTHMIAS	94,750
1R01 NS18662-01	POTTER, LINCOLN T	AUTORADIOGRAPHY OF CEREBROVASCULAR RECEPTORS	50,111

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA				
MIAMI				
UNIVERSITY OF MIAMI				
1R23 NS17949-01A1	SICK, THOMAS J		CEREBRAL OXYGENATION AND CONTROL OF METABOLIC RATE	34,291
1R01 HL29467-01	VAN BREEMEN, CORNELIS		MECHANISM OF CA2+ ANTAGONIST INDUCED VASODILATION	87,751
1R01 GM31125-01	VOELLMY, RICHARD W		MECHANISM OF REGULATION OF HEAT-SHOCK GENE EXPRESSION	90,000
1R01 CA33265-01	WARREN, ROBERT H		TROPOMYOSIN AND STRESS FIBERS: TRANSFORMED CELLS	43,245
INSTITUTION TOTAL	7	434,116		
CITY TOTAL	7	434,116		
MIAMI BEACH				
MOUNT SINAI MEDICAL CENTER				
1R01 ES03041-01	WANNER, ADAM		POLLUTANT-INDUCED MUCOCILIARY DYSFUNCTION IN THE AIRWAYS	76,474
INSTITUTION TOTAL	1	76,474		
CITY TOTAL	1	76,474		
TALLAHASSEE				
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY				
1S10 RR01466-01	SCHATTEN, GERALD P		DRR-BRS SHARED INSTRUMENTATION GRANT	109,725
INSTITUTION TOTAL	1	109,725		
CITY TOTAL	1	109,725		
TAMPA				
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA				
1R01 HL29498-01	BALIS, JOHN U		BIOCHEMICAL MARKERS OF PERINATAL HUMAN SURFACTANT	65,644
1R01 GM30891-01	COCHRANE, BRUCE J		INDUCTION OF CYTOCHROME P-450'S IN DROSOPHILA	37,434
1R23 HL30125-01	GERDES, ANTHONY M		STRUCTURAL REORGANIZATION IN CARDIAC HYPERTHROPHY	36,375
INSTITUTION TOTAL	3	139,453		
CITY TOTAL	3	139,453		
STATE TOTAL	27	1,630,564		
GEORGIA				
ATHENS				
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA				
1R01 AM31064-01	DAILEY, HARRY A		CHARACTERIZATION OF PROTOPORPHYRINOGEN OXIDASE	71,252
1R01 LM03926-01	RAIKHEL, ALEXANDER S		ATLAS OF ELECTRON MICROSCOPICAL ANATOMY OF IXODID TICK	5,932

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R01 AI19221-01	SUMMERS, ANNE	BIODEGRADATION OF MERCURIAL ANTISEPTICS AND PESTICIDES	70,090
INSTITUTION TOTAL	3	147,274	
CITY TOTAL	3	147,274	
ATLANTA			
EMORY UNIVERSITY			
1R01 GM29433-01A1	EDMONDSON, DALE E	COVALENT FLAVIN COENZYMES IN FLAVOENZYME CATALYSIS	108,066
1R01 CA32841-01	GOODING, LINDA R	EFFECTOR MECHANISMS IN REJECTION OF SV40-INDUCED TUMORS	66,105
1R01 HD16831-01	GOULD, KENNETH G	POST-TESTICULAR SPERM MATURATION AND FUNCTION	62,606
1R01 NS18765-01	MORRISON, DAVID C	IMMUNOREGULATION OF AUTOIMMUNE ENCEPHALOMYELITIS	52,838
1R01 AM30589-01	RUDMAN, DANIEL	CYST(E)INE AND TYROSINE REQUIREMENTS IN CIRRHOSIS	39,553
1R01 AM31149-01	RUDMAN, DANIEL	BIOINACTIVE GROWTH HORMONE	74,739
1R01 AI18600-01A1	SCHINAZI, RAYMOND F	COMBINED THERAPEUTIC MODALITIES FOR HERPES SIMPLEX VIRUS	47,051
INSTITUTION TOTAL	7	450,958	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
1R01 HL29307-01	POWERS, JAMES C	SYNTHETIC ELASTASE INHIBITORS	59,308
1R03 EY04514-01	VITO, RAYMOND P	BASIC STUDIES OF THE BIOMECHANICS OF THE CORNEA	14,397
INSTITUTION TOTAL	2	73,705	
CITY TOTAL	9	524,663	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
1R01 EY04572-01	GREEN, KEITH	OCULAR RESPONSE TO MARIHUANA AND ITS DERVATIVES	50,557
1R03 DE06266-01	MACKERT, JOHN R, JR	DENTAL PORCELAIN MICROSTRUCTURE AND FIRING BEHAVIOR	15,000
1R01 DE06429-01	WHITFORD, GARY M	INFLUENCE OF ACID-BASE STATUS ON FLUORIDE METABOLISM	75,460
1R23 AM31118-01	WRENN, ROBERT W	CALCIUM-DEPENDENT PROTEIN PHOSPHORYLATION IN PANCREAS	35,382
INSTITUTION TOTAL	4	176,399	
CITY TOTAL	4	176,399	
STATE TOTAL	16	848,336	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1R01 HL28965-01	NORTON, TED R	CHARACTERIZATION OF CARDIOTONIC PEPTIDE ANTHOPLEURIN-B	16,808
INSTITUTION TOTAL	1	16,808	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	16,808	
STATE TOTAL	1	16,808	
IDAHO			
MOSCOW			
UNIVERSITY OF IDAHO			
1R23 HD17029-01	BYERS, JOHN A	CONSEQUENCES OF NATURAL VARIATION IN EARLY EXPERIENCE	33,855
INSTITUTION TOTAL	1	33,855	
CITY TOTAL	1	33,855	
STATE TOTAL	1	33,855	
ILLINOIS			
CARBONDALE			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE			
1R01 NS18759-01	HAYNES, STEPHEN N	VASOMOTOR DETERMINANTS OF MUSCLE CONTRACTION HEADACHE	45,696
INSTITUTION TOTAL	1	45,696	
CITY TOTAL	1	45,696	
CHAMPAIGN			
SOCIETY FOR THE STUDY OF REPRODUCTION			
1R13 HD16606-01	NISWENDER, GORDON D	CELL & MOLECULAR APPROACHES TO THE STUDY OF REPRODUCTION	7,379
INSTITUTION TOTAL	1	7,379	
CITY TOTAL	1	7,379	
CHICAGO			
ILLINOIS INSTITUTE OF TECHNOLOGY			
1R01 GM30115-01	LIS, LEONARD J	HIGH SENSITIVITY MICROCALORIMETRY OF LIPID MIXTURES	43,286
INSTITUTION TOTAL	1	43,286	
LOYOLA UNIVERSITY OF CHICAGO			
1P01 AG03110-01	FRY, CHRISTINE L	AGE AND CULTURE: COMMUNITY AND WELL-BEING IN OLD AGE	159,102
1R01 GM31023-01	LATEN, HOWARD M	CYTOKININ FUNCTION AND SYNTHESIS IN YEAST	52,724
INSTITUTION TOTAL	2	211,826	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
1P40 RR01361-01	DELANNOY, C W, JR	RESOURCE IMPROVEMENT FOR CENTRAL ANIMAL FACILITIES	161,035
INSTITUTION TOTAL	1	161,035	
NATIONAL OPINION RESEARCH CENTER			
1R01 HD16846-01	SINGER, BURTON	POPULATION DYNAMICS: MODELING LONGITUDINAL MICRO DATA	151,142
INSTITUTION TOTAL	1	151,142	
NORTHWESTERN UNIVERSITY			
1R01 NS16756-01A2	BERRY, ROBERT W	STRUCTURAL STUDIES OF NEURONAL PEPTIDES	52,288
1R01 AM27134-01A1	BOURDEAU, JAMES E	VITAMIN D ON CA TRANSPORT ACROSS RENAL CONNECTING TUBULE	27,180
1R01 HD15544-01A1	CHATTERTON, ROBERT T, JR	PROGESTIN INTERACTIONS IN PITUITARY AND OVARIAN FUNCTION	49,122
1R23 AM31246-01	HEFLEY, THOMAS J	ELECTROPHORETIC SEPARATION OF THE OSTEOCLAST PRECURSOR	34,182
1R23 AM30764-01	KRIEGER, NANCY S	HORMONAL EFFECTS ON PROTEIN PHOSPHORYLATION IN BONE	33,064
1R01 HD16912-01	LA BARBERA, ANDREW R	FATE OF OVARIAN FSH RECEPTOR IN VITRO	63,555
1R01 GM29460-01A1	LAFFLER, THOMAS G	MOLECULAR EVENTS IN THE MITOTIC CYCLE	80,723
1R01 HL29000-01	LOEB, JEROD M	CHOLINERGIC ACTIVATION: AUTOMATICITY AND CONDUCTION	54,643
1R01 HL29033-01	NELSON, DOUGLAS O	ROLE OF CENTRAL AII SENSITIVE NEURONS IN HYPERTENSION	62,825
1R01 CA33354-01	NOVAK, RAYMOND F	QUINONE ANTINEOPLASTIC AGENT METABOLISM AND TOXICITY	45,722
1R01 CA33511-01	OYASU, RYOICHI	EXPERIMENTAL URINARY BLADDER CARCINOGENESIS	76,784
1R01 CA32758-01	SEIDENFELD, JEROME	ODC INHIBITION IN CANCER CHEMOTHERAPY AND CELL BIOLOGY	60,750
1R01 CA34109-01	WALTENBAUGH, CARL R	HELPER CELLS/FACTORS FROM NONRESPONDERS	56,883
1R23 NS18675-01	ZACKROFF, ROBERT V	CHARACTERIZATION OF NEURAL INTERMEDIATE FILAMENTS	32,709
INSTITUTION TOTAL	14	730,430	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1R01 GM31039-01	COHEN, FREDRIC S	ION TRANSPORT AND PHYSIOLOGY OF A-ADRENERGIC STIMULATION	75,700
1R01 HL29205-01	MATHIAS, RICHARD T	MEMBRANE DETERMINANTS OF THE CARDIAC ACTION POTENTIAL	70,325
1R01 CA33557-01	PLATE, JANET	TRANSPLANTATION ANTIGEN SPECIFIC IMMUNOSUPPRESSION	61,417
INSTITUTION TOTAL	3	207,442	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER--RUSH UNIVERSITY			
1P01 NS18494-01	WU, KENNETH K	PROSTAGLANDINS IN CEREBROVASCULAR THROMBOSIS	285,161
INSTITUTION TOTAL	1	285,161	
UNIVERSITY OF CHICAGO			
1R01 NS18413-01	CHELMICKA-SCHORR, EWA	THE SYMPATHETIC NERVOUS SYSTEM AND IMMUNE RESPONSES	57,077
1R01 AI19141-01	CRAYTON, JOHN W	MECHANISMS OF FOOD-INDUCED BEHAVIORAL REACTIONS	102,472

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS				
CHICAGO				
UNIVERSITY OF CHICAGO				
1R13 HL29165-01	WISSLER, ROBERT W		VITH INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS	67,043
INSTITUTION TOTAL	3	226,592		
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER				
1R01 CA32929-01	BRIELE, HENRY A		EXPERIMENTAL ISOLATION LIMB PERFUSION	32,179
1R01 GM31226-01	CHUNG, STEPHEN S		CELL-CELL CONTACT REGULATED GENES IN DICTYOSTELIUM	59,036
1R03 DE06279-01	DRUZINSKY, ROBERT E		INCISAL BITING IN SCIUROMORPH AND PROTROGOMORPH RODENTS	2,675
1R01 EY04402-01	ERNEST, J TERRY		COMPUTER ASSISTED ANALYSIS OF OCULAR VASCULAR PATHOLOGY	89,746
1R01 GM30284-01	HANLON, M SUE		RAMAN SPECTRAL STUDIES OF DNA-AMINE COVALENT COMPLEXES	35,195
1R01 HD14085-01A2	KELLY, ROBERT E		HORMONAL EFFECTS ON THE CONTRACTILE APPARATUS	43,609
1R03 DE06307-01	MEYER, JULIA		ZINC DEFICIENCY AND NUCLEIC ACIDS IN ORAL EPITHELIUM	14,982
1R23 HL30399-01	PALMER, JUNE W		ROLE OF LIPIDS IN CARDIAC MITOCHONDRIAL FUNCTION	34,607
1R01 NS18636-01	PROUDFIT, HERBERT K		PHARMACOLOGIC STUDIES OF CNS PAIN SYSTEMS	36,381
INSTITUTION TOTAL	9	348,410		
CITY TOTAL	35	2,365,324		
EVANSTON				
NORTHWESTERN UNIVERSITY				
1P01 NS18490-01	GESTELAND, ROBERT C		DEVELOPMENT AND REGENERATION IN OLFACTION	192,186
INSTITUTION TOTAL	1	192,186		
CITY TOTAL	1	192,186		
MAYWOOD				
LOYOLA UNIVERSITY MEDICAL CENTER				
1R01 HL27652-01A1	LIPSIUS, STEPHEN L		ELECTROPHYSIOLOGY OF RIGHT ATRIAL SUBSIDIARY PACEMAKERS	64,407
1R01 HL29296-01	STIMLER, NORMA P		IMMUNOPHARMACOLOGY OF COMPLEMENT ANAPHYLATOXINS IN LUNG	59,343
INSTITUTION TOTAL	2	123,750		
CITY TOTAL	2	123,750		
NORTH CHICAGO				
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL				
1R23 CA34670-01	BAUM, LINDA L		ROLE OF C-REACTIVE PROTEIN IN THE NK RESPONSE	34,300
1R01 GM29110-01A1	DETKE, SIEGFRIED		IDENTIFYING THE PROTEINS REGULATING THE X CHROMOSOMES	100,314
INSTITUTION TOTAL	2	134,614		
CITY TOTAL	2	134,614		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
URBANA			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R01 HD16679-01	CARTER, C S	HORMONES, BEHAVIOR AND FEMALE REPRODUCTIVE STRATEGIES	46,370
1R01 GM30938-01	DENMARK, SCOTT E	INTRAMOLECULAR NITROSOALKENE-OLEFIN CYCLOADDITIONS	36,748
1S10 RR01586-01	LARSEN, JOSEPH R	200 MHZ FT NMR SPECTROMETER	170,000
1R01 EY04364-01	OAKLEY, BURKS, II	IONIC AND MOLECULAR MECHANISMS IN THE VERTEBRATE RETINA	70,162
1R01 HD15968-01	PORGES, STEPHEN W	NEONATAL ASSESSMENT: A PSYCHOPHYSIOLOGICAL APPROACH	76,027
1R01 GM30975-01	SCOTT, ROBERT A	ELECTROSTATIC EFFECTS IN CYTOCHROME C ELECTRON TRANSFER	50,150
1R01 HD16720-01	SHAPIRO, DAVID J	GENE TRANSCRIPTION IN HORMONE DEPENDENT DIFFERENTIATION	77,796
1S10 RR01575-01	SWARTZ, HAROLD M	FAST ATOM BOMBARDMENT HIGH FIELD MASS SPECTROMETER	200,000
1R01 CA32964-01	WEBER, MICHAEL J	GLYCOLYSIS IN RSV-TRANSFORMED CELLS	79,816
INSTITUTION TOTAL	9	807,069	
CITY TOTAL	9	807,069	
STATE TOTAL	51	3,676,018	
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY AT BLOOMINGTON			
1R01 GM30870-01	BLUMENTHAL, THOMAS	DEVELOPMENTALLY REGULATED GENES OF C. ELEGANS	121,600
1R01 HD16739-01	RAFF, ELIZABETH C	GENETIC CONTROL OF MICROTUBULE FUNCTION IN DEVELOPMENT	122,170
INSTITUTION TOTAL	2	243,770	
CITY TOTAL	2	243,770	
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1R01 HL29090-01	CHRISTIAN, JOE C	PLASMA CHOLESTEROL IN INFANCY: A TWIN STUDY	92,018
1R01 HL27222-01A1	GRIM, CLARANCE E	BLOOD PRESSURE IN FAMILIES: GENETIC AND DIET STUDIES	126,425
1R01 AM32148-01	KEMPSON, STEPHEN A	PHOSPHATE TRANSPORT BY KIDNEY CELL MEMBRANE	46,024
1R01 HL29208-01	WATANABE, AUGUST M	MECHANISMS OF MUSCARINIC REGULATION OF ADENYLATE CYCLASE	94,389
INSTITUTION TOTAL	4	358,856	
CITY TOTAL	4	358,856	
WEST LAFAYETTE			
PURDUE UNIVERSITY WEST LAFAYETTE			
1R01 CA32691-01	BABBS, CHARLES F	ENHANCED LOCAL HYPERTHERMIA FOR CANCER	47,045
1R01 NS19584-01	ISOM, GARY E	CHARACTERIZATION OF ANTIOPIOID RECEPTOR ANTIBODIES	49,029
1R01 CA33441-01	JACOBSEN, LINDA B	PROMOTION AND PROGRESSION OF LIVER CELLS IN VITRO	48,171

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
WEST LAFAYETTE			
PURDUE UNIVERSITY WEST LAFAYETTE			
1S10 RR01403-01	NAKAJIMA, YASUKO	HIGH RESOLUTION ELECTRON MICROSCOPY IN BIOMEDICINE	200,000
INSTITUTION TOTAL	4	344,245	
CITY TOTAL	4	344,245	
STATE TOTAL	10	946,871	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1R23 HD16974-01	BELL, EDWARD F	ENERGY BALANCE AND GROWTH OF SMALL PREMATURE INFANTS	33,861
1R01 HL27035-01A2	CHANDRAN, KRISHNAN B	ASSESSMENT OF IN VIVO PASSIVE MYOCARDIAL STIFFNESS	51,909
1R23 HL29271-01	CHILIAN, WILLIAM M	STUDIES ON CORONARY CAPACITANCE	34,454
1R23 DE05969-01A1	CRALL, JAMES J	EFFECT OF SINGLE AND MULTIPLE APPLICATIONS OF FLUORIDE	35,574
1R01 GM30868-01	DANIELS, LACY	CARBON AND ELECTRON TRANSFER IN BACTERIAL METHANOGENESIS	79,041
1R01 NS18819-01	KATER, STANLEY B	NEURONAL GROWTH AND FORM	92,660
1R23 AM31542-01	KIRKPATRICK, ROBERT B	BILE ACID SULFATION	34,632
1R01 DE06120-01	MACKENZIE, IAN C	PROLIFERATION OF MUCOSAL AND SKIN KERATINOCYTES IN VITRO	46,165
1R01 HL27633-01A1	MARCUS, MELVIN L	PHYSIOLOGICAL SIGNIFICANCE OF CORONARY OBSTRUCTIONS	78,398
1S10 RR01472-01	OSBORNE, JAMES W	DRR-BRS SHARED INSTRUMENTATION GRANT	112,000
1R13 RR01626-01	SHERMAN, BARRY M	CLINICAL RESEARCH CENTERS PROGRAM DIRECTORS CONFERENCE	40,765
1R01 HL29099-01	TIPTON, CHARLES M	INFLUENCE OF EXERCISE ON ANIMAL MODELS OF HYPERTENSION	84,912
1R01 GM31219-01	WEIL, PETER A	MOLECULAR CONTROL OF EUCARYOTIC TRANSCRIPTION	63,854
1R01 NS18500-01	WU, CHUN-FANG	PHYSIOLOGY OF EXCITABLE MEMBRANE AND SYNAPSE	68,350
INSTITUTION TOTAL	14	856,575	
CITY TOTAL	14	856,575	
STATE TOTAL	14	856,575	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL			
1R01 HL27895-01	DIEDERICH, DENNIS A	HEMOGLOBIN CARBAMYLATION IN SICKLE CELL ANEMIA	144,168
1R01 AG03007-01A1	HORTON, WILLIAM A	PATHOLOGIC STUDIES IN A HUMAN MODEL OF OSTEOPARTHROSIS	40,429
1R01 AM32044-01	PARMELY, MICHAEL J	CELL-MEDIATED IMMUNITY IN CYSTIC FIBROSIS	46,474
1R23 AM31154-01	SMITH, PHILIP L	SITE AND MECHANISMS OF C1 TRANSPORT BY SMALL INTESTINE	36,031
INSTITUTION TOTAL	4	267,102	
CITY TOTAL	4	267,102	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS				
LAWRENCE				
UNIVERSITY OF KANSAS LAWRENCE				
1R01 CA31565-01A1	SU, ROBERT T		MECHANISM OF ACTION OF ANTICANCER DRUG	40,246
INSTITUTION TOTAL	1	40,246		
CITY TOTAL	1	40,246		
STATE TOTAL	5	307,348		
KENTUCKY				
LEXINGTON				
UNIVERSITY OF KENTUCKY				
1R01 AM31603-01	BOGARDUS, JOSEPH B		MECHANISM OF INTERACTION OF CHOLESTEROL & MONOGLYCERIDES	41,354
1R01 GM31076-01	DEIBEL, MARTIN R, JR		TERMINAL TRANSFERASE ENZYMATIC AND ACTIVE SITE STUDIES	51,596
1R03 AG03605-01	GALARDY, RICHARD E		CHOLINE ACETYLTRANSFERASE IN ALZHEIMER'S DISEASE	14,400
1R01 CA31740-01A1	GOLD, DAVID V		ORGAN SPECIFIC ANTIGENS OF GASTROINTESTINAL TISSUES	37,242
1R01 HD15897-01A1	RUSH, MICHAEL E		MECHANISMS CONTROLLING PERIOVULATORY FSH SECRETION	33,973
1R01 CA33434-01	ZIMMER, STEPHEN G		ANALYSIS OF DEFINED AD2 TRANSFORMED CELL REVERTANTS	49,872
INSTITUTION TOTAL	6	228,437		
CITY TOTAL	6	228,437		
LOUISVILLE				
UNIVERSITY OF LOUISVILLE				
1R01 GM29434-01A1	FELDHOFF, RICHARD C		HUMAN PLASMA ALBUMIN: LIGAND BINDING	47,617
1R01 AM31364-01	GRAY, ROBERT D		SYNTHETIC INHIBITORS OF MAMMALIAN COLLAGENASES	67,883
1R23 AM31332-01	WHEELER, THOMAS J		CHARACTERIZATION OF THE GLUCOSE TRANSPORTER FROM MUSCLE	35,560
INSTITUTION TOTAL	3	151,060		
CITY TOTAL	3	151,060		
STATE TOTAL	9	379,497		
LOUISIANA				
NEW ORLEANS				
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS				
1R01 EY04428-01	BAZAN, NICOLAS G		ROLE OF LIPIDS IN RETINAL DEGENERATIVE DISEASE	136,958
1R23 NS18732-01	MACKLIN, WENDY B		BIOSYNTHESIS OF MYELIN PROTEOLIPID	36,000
1R01 HL24159-01A3	ROBIE, NORMAN W		PRESYNAPTIC RECEPTOR FUNCTION OF RENAL ADRENERGIC NERVES	39,647
1R01 AM31560-01	SVEC, FRANK		GLUCOCORTICOID RECEPTOR REGULATION	57,637
INSTITUTION TOTAL	4	270,242		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA				
NEW ORLEANS				
TULANE UNIVERSITY OF LOUISIANA				
1R22 AI19302-01	GORMUS, BOBBY J		CHARACTERIZATION OF EXPERIMENTAL LEPROSY	126,296
1R01 HL27713-01A1	IGNARRO, LOUIS J		MECHANISM OF ACTION OF NITROGEN OXIDE VASODILATOR DRUGS	65,398
1R01 HD15824-01A1	WALTERS, MARIAN R		MAMMALIAN PROGESTERONE RECEPTOR STRUCTURE AND FUNCTION	68,229
INSTITUTION TOTAL	3	259,923		
CITY TOTAL	7	530,165		
SHREVEPORT				
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT				
1R03 DE06357-01	MARINO, ANDREW A		ELECTRICAL STIMULATION OF MANDIBULAR FRACTURES	14,200
INSTITUTION TOTAL	1	14,200		
CITY TOTAL	1	14,200		
STATE TOTAL	8	544,365		
MAINE				
BAR HARBOR				
JACKSON LABORATORY				
1R01 CA31529-01A1	ROSSOW, PETER W		THE HORMONAL REGULATION OF NORMAL CELL GROWTH	70,671
1R01 CA31767-01A1	SCHWARZ, RICHARD I		MANIPULATION OF THE DIFFERENTIATED STATE BY ONCOGENESIS	69,316
1R01 CA33093-01	TAYLOR, BENJAMIN A		RECOMBINANT INBRED MOUSE STRAINS AND CANCER	66,668
INSTITUTION TOTAL	3	206,655		
CITY TOTAL	3	206,655		
STATE TOTAL	3	206,655		
MARYLAND				
BALTIMORE				
INTERNATIONAL SOCIETY FOR EXPERIMENTAL HEMATOLOGY				
1R13 AM31329-01	SENSENBRENNER, LYLE		INT SOC FOR EXPERIMENTAL HEMATOLOGY 11TH ANNUAL MEETING	29,200
INSTITUTION TOTAL	1	29,200		
JOHN F. KENNEDY INSTITUTE				
1S10 RR01495-01	MOSER, HUGO W		AMINO ACID ANALYZER FOR STUDY OF NITROGEN METABOLISM	69,500
INSTITUTION TOTAL	1	69,500		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1R01 GM31168-01	AUGUST, J THOMAS	PURIFICATION OF CELL SURFACE DIFFERENTIATION ANTIGENS	122,000
1R01 CA33199-01	BEEMON, KAREN L	LOCATION AND FUNCTION OF M6A IN RETROVIRUS RNAS	74,724
1R01 GM31247-01	BENBOW, ROBERT M	DNA RECOMBINASE FROM OVARIES OF THE FROG, XENOPUS LAEVIS	28,799
1R01 CA33348-01	BURKE, PHILIP J	QUIESCENT LEUKEMIA FORCED TO PROLIFERATION AND DEATH	60,712
1R01 AM32081-01	DIAZ, LUIS A	IMMUNOBIOLOGY OF PEMPHIGUS AND PEMPHIGOID	74,391
1R01 CA31687-01A1	DONNENBERG, ALBERT D	MECHANISMS OF LYMPHOCYTE COLONY FORMATION	62,242
1R01 HL29431-01	EWART, CRAIG K	SCHOOL BASED RELAXATION TO LOWER BLOOD PRESSURE	140,700
1R13 NS18890-01	FISHER, ROBERT S	CONFERENCE FOR YOUNG NEUROLOGICAL INVESTIGATORS	7,500
1R23 HL29101-01	FORTNEY, SUZANNE M	CONSEQUENCES OF CHANGES IN BODY FLUIDS DURING EXERCISE	33,791
1R01 NS18687-01	GRIFFIN, JOHN W	AXONAL TRANSPORT IN LIVING NERVE FIBERS	39,644
1R01 GM31110-01	GROSSMAN, LAWRENCE	DNA REPAIR GENE EXPRESSION IN MAMMALIAN CELLS	89,795
1R23 AI19417-01	HAMILTON, ROBERT G	IMMUNODIAGNOSIS OF FILARIAL PARASITIC INFECTION	33,776
1R01 CA28593-01A2	HOOVER, HERBERT C	TUMOR CHEMOSENSITIVITY IN DIFFERENT ORGAN SITES	80,565
1R01 DE06043-01	LEVIN, L STEFAN	CONGENITALLY MISSING TEETH	82,060
1R01 EY04444-01	LIU, SAMMY H	MECHANISMS OF OCULAR INFLAMMATION	59,558
1R01 ES03018-01	MENKES, HAROLD	PHYSIOLOGICAL RESPONSES OF THE LUNG PERIPHERY TO OZONE	102,809
1R01 CA32742-01	PEDERSEN, PETER L	GLUCOSE CATABOLISM IN NEOPLASTIC TISSUES	49,495
1R01 GM30052-01A1	POSNER, GARY H	ASYMMETRIC SYNTHESIS OF PHYSIOLOGICALLY ACTIVE COMPOUNDS	53,620
1R01 AM31306-01	ROBINSON, ROBERT A	ELECTRON MICROSCOPY OF VASCULARIZED CORTICAL BONE GRAFTS	60,490
1R01 NS18622-01	ROBINSON, ROBERT G	PSYCHOPHARMACOLOGY OF ASYMMETRICAL BEHAVIOR	46,982
1R22 AI19217-01	STRAND, METTE	GENDER-SPECIFIC AND PAIR-DEPENDENT SCHISTOSOME ANTIGENS	107,998
1R01 CA33470-01	STRAND, METTE	CHEMICALLY MODIFIED MONOCLONAL ANTIBODY IN TUMOR MODELS	230,401
1R23 AM31376-01	TOWNSEND, ROBERT R	HEPATIC HETEROPHAGY OF PLASMA GLYCOPROTEINS	32,745
INSTITUTION TOTAL	23	1,674,797	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE			
1R01 NS17436-01A1	BASTIAN, FRANK O	ROLE OF SPIROPLASMA IN SPONGIFORM ENCEPHALOPATHY	79,790
1R01 HD16193-01A1	COSTELLO, LESLIE C	ASPARTATE UTILIZATION AND CITRATE PRODUCTION IN PROSTATE	58,263
1R01 AI17828-01A1	FARHANG-AZAD, ABDULRAHMAN	MURINE TYPHUS: VECTOR BIOLOGY AND TRANSMISSION	60,223
1P40 RR01325-01A1	HSU, CHAO-KUANG	ANIMAL RESOURCES DEVELOPMENT AND IMPROVEMENT	150,000
1P01 HL27867-01	INESI, GIUSEPPE	CALCIUM ION CONTROL IN CARDIAC FUNCTION	271,809
1R01 AI19165-01	KAPER, JAMES B	MOLECULAR GENETICS OF VIBRIO PARAHAEMOLYTICUS HEMOLYSIN	65,760
1R03 DE06260-01	KOSKI, CAROL L	COMPLEMENT INTERACTION WITH NUCLEATED CELL MEMBRANE	11,615
1P01 HD16596-01	TILDON, J TYSON	METABOLIC & DEVELOPMENTAL ASPECTS OF MENTAL RETARDATION	325,332
INSTITUTION TOTAL	8	1,022,792	
CITY TOTAL	33	2,796,289	
BETHESDA			
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY			
1R13 AI19506-01	NISONOFF, ALFRED	CONFERENCE ON MONONUCLEAR CELL AND ANTIBODY NETWORKS	4,101

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BETHESDA			
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY			
1R13 HL29519-01	WESTFALL, DAVID P	FASEB SUMMER RESEARCH CONFERENCE ON SMOOTH MUSCLE	22,990
INSTITUTION TOTAL	2	27,091	
U.S. DEPARTMENT OF DEFENSE--UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES			
1R01 AI19168-01	HU, VALERIE W	MECHANISM OF COMPLEMENT-MEDIATED MEMBRANE DAMAGE	55,125
1R01 AI18449-01A1	RUYECHAN, WILLIAM T	STRUCTURE OF VARICELLA ZOSTER VIRUS DNA	51,312
1R01 GM30270-01A1	SCHOENBERG, DANIEL R	ESTROGEN ACTION IN XENOPUS LIVER	42,038
INSTITUTION TOTAL	3	148,475	
CITY TOTAL	5	175,566	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
1R01 GM30894-01	TAKEDA, YOSHINORI	STUDY ON CRO REPRESSOR--OPERATOR INTERACTION	58,848
INSTITUTION TOTAL	1	58,848	
CITY TOTAL	1	58,848	
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1R01 GM30910-01	ARMSTRONG, RICHARD N	MECHANISM OF ACTION OF GULUTATHIONE S-TRANSFERASE	65,447
INSTITUTION TOTAL	1	65,447	
CITY TOTAL	1	65,447	
STATE TOTAL	40	3,096,150	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1R01 AI17895-01A2	NOLAN, LINDA LEE	PURINE AND PYRIMIDINE METABOLISM OF TRYPANOSOMATIDAE	64,533
INSTITUTION TOTAL	1	64,533	
CITY TOTAL	1	64,533	
BOSTON			
BETH ISRAEL HOSPITAL			
1R01 AM31399-01	GERHART, TOBIN	BONE/GELATIN PARTICULATE COMPOSITE FOR FRACTURE FIXATION	53,810

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS				
BOSTON				
BETH ISRAEL HOSPITAL				
1R01 HD16803-01	SMITH, BARBARA D		CAMP, CGMP IN MATURING OOCYTES & THEIR MICROENVIRONMENT	54,719
1R01 AM31396-01	STEER, MICHAEL L		ACUTE PANCREATITIS	76,035
INSTITUTION TOTAL	3	184,564		
BOSTON BIOMEDICAL RESEARCH INSTITUTE				
1R01 EY04393-01	JACOBSON, BERNARD J		VITREOUS INHIBITOR OF VASCULAR ENDOTHELIAL CELL GROWTH	41,725
1R01 AM28401-01A1	LU, RENNE C		STRUCTURE-FUNCTION RELATIONS IN MYOSIN	67,952
INSTITUTION TOTAL	2	109,677		
BOSTON UNIVERSITY				
1R01 HL29544-01	CENTER, DAVID M		CELLULAR MECHANISMS OF HUMAN LYMPHOCYTE ACCUMULATION	69,016
1R01 AG03574-01	FELDMAN, MARTIN L		EXPERIMENTAL ANATOMICAL STUDIES IN PRESBYCUSIS	53,198
1R01 NS18813-01	GORMAN, ANTHONY L		REGULATION OF INTRACELLULAR CALCIUM IN NERVE CELLS	38,221
1R23 HL29464-01	LEPPO, JEFFREY A		T1-201 KINETICS AND HYPEREMIA IN VARIED CARDIAC STATES	33,066
1R23 AM29832-01A1	LICHTENSTEIN, ALICE H		CHOLESTEROL ESTER METABOLISM IN RAT LIVER	32,023
1R01 GM31078-01	MC INTOSH, TRACY K		ENDORPHIN AND CATECHOLAMINE RESPONSE TO SHOCK AND TRAUMA	45,533
1R01 AG03978-01	MILLER, RICHARD A		AGING EFFECTS ON IL-2 SECRETING T HELPER CELLS	59,377
1R01 CA34189-01	MILLER, RICHARD A		POST-THYMIC T CELL LINEAGE ANALYSIS	55,751
1R01 CA32543-01	NILES, RICHARD M		THE EFFECT OF RETINOIDS ON GROWTH AND DIFFERENTIATION	55,819
1R01 AM28640-01	ROBINS, SANDER J		ORIGIN AND REGULATION OF BILIARY LECITHIN SECRETION	69,012
1P01 HL26895-01A2	RUDERMAN, NEIL B		VASCULAR DISEASE IN DIABETES	519,247
1R01 GM30165-01A1	TEETER, MARTHA M		STRUCTURE/FUNCTION IN HEMOLYTIC TOXINS	51,780
1R01 NS18745-01	VOGT, BRENT A		NEURONAL CONNECTIONS AND RESPONSES IN CINGULATE CORTEX	34,053
1R23 HD16727-01	ZEISEL, STEVEN H		THE CHOLINE CONTENT OF MILK	33,600
INSTITUTION TOTAL	14	1,149,696		
BRIGHAM AND WOMEN'S HOSPITAL--PETER BENT BRIGHAM HOSPITAL				
1S10 RR01450-01	AULT, KENNETH A		FLUORESCENCE-ACTIVATED CELL SORTING IN RESEARCH	217,620
1R01 HL29478-01	BAYLIS, CHRISTINE		GLOMERULAR FUNCTION IN PREGNANCY IN HEALTH AND DISEASE	63,875
1R01 HL29014-01	MC DONALD, MELISENDA J		SUBUNIT ASSEMBLY OF NORMAL AND ABNORMAL HEMOGLOBINS	20,788
1R01 HL29179-01	MOORE, THOMAS J		ANGIOTENSIN II RECEPTORS IN HYPERTENSION	68,922
1R01 HL28238-01	PFEFFER, MARC A		CARDIAC HYPERTROPHY AND FAILURE	78,836
1R01 AI18465-01A1	PIER, GERALD B		IMMUNOCHEMICAL STUDY OF P. AERUGINOSA MUCOID ANTIGENS	69,261
1R01 HL29316-01	RITTENHOUSE, SUSAN E		THE PI EFFECT AND PLATELET ALPHA-ADRENERGIC STIMULATION	59,284
1R01 CA33008-01	WILLETT, WALTER C		PROSPECTIVE STUDY OF SELENIUM AND CANCER IN WOMEN	88,448
INSTITUTION TOTAL	8	667,034		
BRIGHAM AND WOMEN'S HOSPITAL--ROBERT BRECK BRIGHAM HOSPITAL				
1R23 AI19397-01	JACK, RICHARD M		IMMUNOCHEMISTRY OF C3B RECEPTORS	35,950

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL--ROBERT BRECK BRIGHAM HOSPITAL			
1R01 GM31193-01	SOBERMAN, ROY J	PURIFICATION AND CONTROL OF THE HUMAN 5-LIPOXYGENASE	42,190
INSTITUTION TOTAL	2	78,140	
CENTER FOR BLOOD RESEARCH			
1R01 HL29379-01	SHAEFFER, JOSEPH R	PROTEOLYSIS IN HUMAN ERYTHROID CELLS	80,391
INSTITUTION TOTAL	1	80,391	
CHILDREN'S HOSPITAL MEDICAL CENTER			
1R23 AG02748-01A1	GRYNPAS, MARC D	STRUCTURAL CHANGES WITH AGE AND DISEASE IN BONE MINERAL	33,961
1R23 HL30082-01	LEUNG, DONALD Y	IMMUNE MECHANISMS IN KAWASKI DISEASE	36,205
1R23 HL30066-01	NEWBURGER, JANE W	DECISION ANALYSIS IN CONGENITAL HEART DISEASE	34,547
1R13 AI19498-01	ROSEN, FRED S	WORKSHOP IN PRIMARY IMMUNODEFICIENCY DISEASES	5,000
1R01 NS18584-01	WHITE, WALTER F	GLYCINE RECEPTOR DEFICIT	68,410
INSTITUTION TOTAL	5	178,123	
COLLEGE MENTAL HEALTH CENTER OF BOSTON			
1R01 HL29504-01	NADAL-GINARD, BERNARDO	MOLECULAR MECHANISMS OF CARDIAC ONTOGENY AND HYPERTROPHY	99,677
INSTITUTION TOTAL	1	99,677	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
1R01 EY04368-01	ADLER, ALICE J	THE INTERPHOTORECEPTOR MATRIX COMPONENT AND FUNCTIONS	73,591
1R01 EY04437-01	HARTLINE, PETER H	VISUAL/NON-VISUAL INTEGRATION IN SUPERIOR COLLICULUS	65,002
INSTITUTION TOTAL	2	138,593	
FORSYTH DENTAL CENTER			
1R01 DE06153-01	SMITH, DANIEL J	ANTIBODY TO GLUCOSYLTRANSFERASE IN ADULTS AND CHILDREN	64,563
INSTITUTION TOTAL	1	64,563	
HARVARD UNIVERSITY			
1R01 HD16856-01	BRIDGES, ROBERT S	NEUROENDOCRINE REGULATION OF PROLACTIN SECRETION	44,682
1R23 ES03023-01	EISEN, ELLEN A	METHODS FOR ASSESSING PULMONARY EFFECTS OF LOW EXPOSURES	33,560
1R01 AM31337-01	FRANCESCHI, RENNY T	NUCLEAR ACCEPTOR FOR 1,25-DIHYDROXYVITAMIN D3 RECEPTORS	48,573
1R01 EY04092-01	GREENE, MARK I	THE CELLULAR/MOLECULAR REGULATION OF OCULAR IMMUNITY	113,042
1R01 AM30303-01A1	ITO, SUSUMU	MECHANISMS OF INJURY AND RAPID REPAIR OF GASTRIC MUCOSA	106,322
1R01 CA32813-01	JUDY, PHILIP F	THE DETECTION OF FOCAL LESIONS ON CT IMAGES	111,462
1R01 AM31487-01	KARNOVSKY, MANFRED L	TRANSLOCASE AND HYDROLASE OF GLUCOSE-6-PHOSPHATASE	52,861

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
1R01 CA33041-01	LAGAKOS, STEPHEN W	BIOSTATISTICAL METHODS FOR CARCINOGENICITY EXPERIMENTS	34,467
1R01 EY03665-01A1	MACLEISH, PETER R	PHOTORECEPTOR- AND RETINAL-SYNAPSE PHYSIOLOGY	47,419
1R23 AM31158-01	RUTTEN, MICHAEL J	THE PHYSIOLOGY OF GASTRIN IN THE STOMACH	33,690
1R01 AI19148-01	SEIDMAN, JONATHAN G	THE MOLECULAR BASIS OF H-2 POLYMORPHISM	114,863
1R01 HD16933-01	THENEN, SHIRLEY W	FOLIC ACID IN PREGNANCY AND THE NEONATAL PERIOD	60,447
1R01 HL29175-01	VALBERG, PETER A	PARTICLE INGESTION BY LUNG MACROPHAGES	86,157
1R23 DE05827-01A1	WAYLER, ALAN H	MODIFYING EFFECTS OF SALIVA AND AGE ON TASTE PERCEPTION	30,038
1R01 AI19392-01	WIRTH, DYANN F	GENE EXPRESSION IN THE MALARIA PARASITE	66,945
INSTITUTION TOTAL	15	984,528	
JOSLIN DIABETES CENTER			
1R01 AM32083-01	EISENBARTH, GEORGE S	DIABETES PROBED WITH MONOCLONAL ANTIBODY TECHNIQUES	53,751
INSTITUTION TOTAL	1	53,751	
MASSACHUSETTS EYE AND EAR INFIRMARY			
1R23 EY04474-01	D'AMICO, DONALD J	RETINAL TOXICITY OF AMINOGLYCOSIDE ANTIBIOTICS	36,323
INSTITUTION TOTAL	1	36,323	
MASSACHUSETTS GENERAL HOSPITAL			
1R01 HL29429-01	ABBOTT, WILLIAM M	EFFECTS OF COMPLIANCE MISMATCH IN ARTERIAL GRAFTS	62,577
1R01 DE06048-01	BURTON, JAMES A	IGA PROTEASE AND DENTAL CARIES	150,837
1R01 HL29462-01	ELMALEH, DAVID R	MYOCARDIAL GAMMA & POSITRON LABELED FATTY ACID ANALOGS	83,892
1R01 HL29493-01	KAZEMI, HOMAYOUN	CENTRAL REGULATION OF RESPIRATION--METABOLIC FACTORS	89,632
1R01 NS19038-01	MOSKOWITZ, MICHAEL A	CNS VASCULAR CELLS IN CULTURES: ARACHIDONATE METABOLISM	132,732
1R03 DE06540-01	NIEDERMAN, RICHARD	POLYMORPHONUCLEAR LEUKOCYTE DISABLING FACTORS	15,000
1R01 AG03354-01	POON, LEONARD W	COGNITIVE DEFICIT IDENTIFICATION IN DEMENTIA	66,220
1R01 AM31356-01	ROSENBLATT, MICHAEL	MECHANISMS OF PRE PROPARATHYROID HORMONE PROCESSING	69,846
1R01 EY03899-01A1	SAGAR, STEPHEN M	SOMATOSTATIN FUNCTION IN MAMMALIAN RETINA	71,232
1R01 HL29113-01	YIN, HELEN L	STRUCTURE AND FUNCTION OF GELSOLIN	79,771
INSTITUTION TOTAL	10	821,739	
NEW ENGLAND COLLEGE OF OPTOMETRY			
1R03 EY04511-01	THORN, FRANK	SPATIAL DISTORTION TESTED BY DICHOPTIC APPARENT MOVEMENT	15,000
INSTITUTION TOTAL	1	15,000	
NEW ENGLAND MEDICAL CENTER HOSPITAL			
1R01 AM31400-01	GOODMAN, RICHARD H	BIOSYNTHESIS OF SOMATOSTATIN	91,528
INSTITUTION TOTAL	1	91,528	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS				
BOSTON				
SIDNEY FARBER CANCER INSTITUTE				
1R23 CA33334-01	HENNER, WILLIAM D		MECHANISMS OF RADIATION CARCINOGENESIS	10,800
1R01 CA33108-01	LANE, MARY-ANN		CELL TRANSFORMING GENES OF T- AND B-LYMPHOCYTE NEOPLASMS	88,138
1R01 CA33019-01	MEHTA, CYRUS R		NEW STATISTICAL METHODS FOR CANCER TREATMENT	16,134
1R01 AM31240-01	SANO, HIROSHI		MOLECULAR MECHANISM IN ABERRANT DNA METABOLISM	73,037
1R01 AM31405-01	SPIEGELMAN, BRUCE M		CONTROL OF LIPOGENIC ENZYME SYNTHESIS IN ADIPOCYTES	74,595
INSTITUTION TOTAL	5	262,704		
TUFTS UNIVERSITY				
1R01 AM32050-01	ABERNETHY, DARRELL R		PSYCHOTROPIC DRUG INTERACTION WITH OVERNUTRITION	52,255
1R03 EY04487-01	JUMBLATT, JAMES E		PRESYNAPTIC MODULATION OF NEUROSECRETION IN IRIS	15,000
1R01 CA32524-01	KRINSKY, NORMAN I		ANTICARCINOGENIC MECHANISMS OF CAROTENOID PIGMENTS	97,822
1R01 HL27571-01A1	LIBBY, PETER		RELATION OF PROTEOLYSIS TO AORTIC SMOOTH MUSCLE GROWTH	54,462
1R01 AM31151-01	SCHWARTZ, ROBERT S		MONOCLONAL HUMAN LUPUS AUTOANTIBODIES	95,185
1R01 AM31389-01	SNYDMAN, DAVID R		KIDNEY TRANSPLANT ASSOCIATED CYTOMEGALOVIRUS PREVENTION	92,026
INSTITUTION TOTAL	6	406,750		
UNIVERSITY HOSPITAL				
1R01 AM31386-01	RUDERMAN, NEIL B		DIABETES: METABOLISM OF CEREBRAL MICROVESSELS	58,564
INSTITUTION TOTAL	1	58,564		
UNIVERSITY OF MASSACHUSETTS AT BOSTON				
1R01 HD14772-01A2	SIPERSTEIN, GARY N		THE SOCIAL ACCEPTABILITY OF MENTALLY RETARDED CHILDREN	126,077
INSTITUTION TOTAL	1	126,077		
CITY TOTAL	81	5,607,422		
CAMBRIDGE				
HARVARD UNIVERSITY				
1R01 GM30183-01A1	BOGORAD, LAWRENCE		ORGANELLE GENES AND GENE REGULATION	78,981
1R01 GM31139-01	PTASHNE, MARK		DNA-PROTEIN BINDING AND SITE-SPECIFIC MUTAGENESIS	51,534
1R01 NS17612-01A1	STELLAR, JAMES R		BEHAVIORAL FUNCTIONS OF MIDBRAIN DOPAMINE SYSTEMS	59,019
INSTITUTION TOTAL	3	189,534		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY				
1R23 AM31546-01	JARRELL, JOSEPH A		LOCALIZATION OF EPITHELIAL WATER TRANSPORT	36,187
1R01 GM30243-01A1	KRIEGER, MONTY		GENETIC ANALYSIS OF RECEPTOR-MEDIATED ENDOCYTOSIS	70,427
1P01 CA31303-01	LELE, PADMAKAR P		TUMOR HYPERTHERMIA: SCIENCE, TECHNOLOGY & EVALUATION	500,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1R01 GM30943-01	ORME-JOHNSON, WILLIAM H	ENZYMES AND REGULATORY PROTEINS OF DINITROGEN REDUCTION	161,704
1R01 GM31212-01	PETSKO, GREGORY A	STRUCTURE AND REACTION OF IRON SUPEROXIDE DISMUTASE	15,420
1R03 EY04206-01A1	POGGIO, TOMASO A	HYPERACUITY & SPATIOTEMPORAL INTERPOLATION IN VISION	14,978
1R01 GM31124-01	SHARPLESS, K BARRY	SYNTHESIS OF SACCHARIDES AND PALYTOXIN	93,070
1R01 GM31030-01	SIGNER, ETHAN R	MOLECULAR GENETICS OF RHIZOBIUM NODULATION PLASMIDS	73,658
1R01 CA33297-01	VARSHAVSKY, ALEXANDER J	GENE AMPLIFICATION AND TUMOR PROMOTION	63,303
1R01 CA32014-01	WOLF, GEORGE	MECHANISM OF RETINOID ACTION ON BLADDER CANCER	52,131
INSTITUTION TOTAL	10	1,080,878	
CITY TOTAL	13	1,270,412	
CHESTNUT HILL			
BOSTON COLLEGE			
1R23 CA33659-01	MC CLARD, RONALD W	NON-METABOLIZABLE PHOSPHORIBOSYL PYROPHOSPHATE ANALOGS	37,398
INSTITUTION TOTAL	1	37,398	
CITY TOTAL	1	37,398	
NORTHAMPTON			
SMITH COLLEGE			
1R23 AI20074-01	SCHRACHTER, A FAYE	BRUGAIN FILARIASIS MECHANISMS OF IMMUNOSUPRESSION	32,640
INSTITUTION TOTAL	1	32,640	
CITY TOTAL	1	32,640	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
1R01 GM31199-01	ALBERS, H ELLIOTT	NEURAL AND HORMONAL CONTROL OF CIRCADIAN BEHAVIORS	44,256
1R01 HD15272-01A1	VOGLMAYR, JOSEF K	BIOCHEMISTRY OF SPERM CAPACITATION-DECAPACITATION	54,672
INSTITUTION TOTAL	2	98,928	
CITY TOTAL	2	98,928	
WALTHAM			
BRANDEIS UNIVERSITY			
1R01 NS18603-01	HALL, JEFFREY C	GENETICS OF NEUROTRANSMITTERS	69,583
1R01 NS17910-01A1	LEVITAN, IRWIN B	REGULATION OF ION CHANNELS IN NERVE CELLS	124,659
1R01 GM31099-01	LOWENSTEIN, JOHN M	FUNCTION AND CONTROL OF EXTRAMITOCHONDRIAL B-OXIDATION	86,613
INSTITUTION TOTAL	3	280,855	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	280,855	
MASSACHUSETTS			
WOODS HOLE			
MARINE BIOLOGICAL LABORATORY			
1P41 RR01395-01	JAFFE, LIONEL F	PROPOSED NATIONAL VIBRATING PROBE FACILITY	304,584
INSTITUTION TOTAL	1	304,584	
CITY TOTAL	1	304,584	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1R01 AM31402-01	CIMBALA, MICHELE A	INSULIN REGULATION OF HEPATIC RNA LEVELS	50,748
INSTITUTION TOTAL	1	50,748	
CITY TOTAL	1	50,748	
STATE TOTAL	104	7,747,520	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1R01 GM30959-01	ADAMS, JULIAN P	EVOLUTION IN YEAST: GENE DUPLICATION AND DIVERGENCE	56,130
1R01 CA33025-01	CHETSANGA, CHRISTOPHER J	EXCISION REPAIR OF ALKYLATED DNA	46,555
1R01 DE06108-01	ERICKSON, ROBERT P	PATHOGENESIS OF TERATOGEN-INDUCED FACIAL CLEFTS	46,374
1R23 AG03553-01	GIBSON, ROSE C	PHYSICAL DISABILITY AND COPING AMONG OLDER BLACK WOMEN	33,827
1R01 AG02746-01	KAHN, ROBERT L	AGING AND SOCIAL SUPPORT: AN U S/KIBBUTZ COMPARISON	92,532
1R01 ES02851-01	KOREEDA, MASATO	SYNTHESIS OF MYCOTOXINS	46,118
1R01 AI19474-01	LOBUGLIO, ALBERT F	SPECIFIC MONOCLONAL ANTIBODIES TO IMMUNE CYTOPENIAS	82,992
1R23 DE06023-01	MANGAN, DENNIS F	POLYCLONAL B CELL ACTIVATION IN PERIODONTAL DISEASE	34,300
1R23 HD16982-01	MASLAR, ILA A	DECIDUALIZATION OF HUMAN ENDOMETRIUM IN CULTURE	34,982
1R01 GM30885-01	MATTHEWS, ROWENA G	FOLYLPOLYGLUTAMATES AND FOLATE-DEPENDENT ENZYMES	32,700
1R01 HD15586-01A1	MENGE, ALAN C	HUMAN SPERM--SPECIFIC ANTIGENS	64,495
1R01 AI19216-01	MONTO, ARNOLD S	RHINOVIRUS INFECTIONS: EPIDEMIOLOGY AND CONTROL	88,431
1R01 AM31573-01	PRATT, WILLIAM B	AN ENDOGENOUS STEROID RECEPTOR STABILIZING FACTOR	52,689
1R01 GM31006-01	PRINGLE, JOHN R	GENETIC STUDY OF THE YEAST CELL CYCLE	70,129
1R01 AM30989-01	ROCCHINI, ALBERT P	PHYSIOLOGIC EFFECTS OF DIET/EXERCISE IN OBESE CHILDREN	80,263
1R01 CA32949-01	RUDDON, RAYMOND W	BIOSYNTHESIS AND SECRETION OF HCG BY HUMAN TROPHOBLASTS	128,405
1R01 HL29499-01	SHLAFER, MARSHAL	HEART ISCHEMIC DAMAGE: MODULATING OXYGEN METABOLITES	39,104
1R23 HD17039-01	SPEAROW, JIMMY L	RESPONSE TO GONADOTROPINS--BIOCHEMICAL & GENETIC CONTROL	33,408
1R23 DE05808-01A1	STEDMAN, HAZEL M	THE GLOSSOPHARYNGEAL NERVE IN CRANIOFACIAL FUNCTION	33,644
1R01 HD16721-01	WICHA, MAX S	EXTRACELLULAR MATRIX IN MAMMARY GROWTH & DIFFERENTIATION	59,194

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLA[RS] AWARD[ED]
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1R01 AM31248-01	ZUCKERMAN, KENNETH S		HEMATOPOIETIC REGULATION BY STROMAL BIOMATRIX COMPONENTS	109,8
INSTITUTION TOTAL	21	1,266,089		
CITY TOTAL	21	1,266,089		
DETROIT				
HENRY FORD HOSPITAL				
1P01 HL28982-01	CARRETERO, OSCAR A		VASOACTIVE HORMONES IN BLOOD PRESSURE REGULATION	457,9
1R23 AM31575-01	GOLDMAN, JOSE		INSULIN AND BRADYKININ/KALLIKREIN SYSTEM INTERACTIONS	32,6
INSTITUTION TOTAL	2	490,547		
WAYNE STATE UNIVERSITY				
1R01 CA32038-01	ABRAMSON, HANLEY N		ANTHRAQUINONES AS MODEL GENERATORS OF TISSUE SUPEROXIDE	29,6
1R01 CA32423-01	CRISSMAN, JOHN D		PATHOLOGY REVIEW--HEAD AND NECK CONTRACTS PROGRAM	35,3
1R01 AG03571-01	GERSHON, SAMUEL		CHOLINERGIC AND CEREBROVASCULAR FUNCTIONS IN AGING	100,6
1R01 GM29408-01A1	HARI, V		STRUCTURE AND REPLICATION OF POTYVIRUSES	46,8
1R01 AG03238-01A1	KAHANA, EVA		STRESS, RESOURCES, AND THE HEALTH OF THE AGED	70,1
1R01 CA31331-01	KESSEL, DAVID H		STUDIES ON ANTHRACYCLINE RESISTANCE	48,4
1R01 AG03483-01	LIANG, JERSEY		A STRUCTURAL MODEL OF FEAR OF CRIME AMONG THE AGED	38,4
1R01 GM30500-01	NJUS, DAVID L		OXIDATION-REDUCTION REACTIONS IN CHROMAFFIN GRANULES	30,7
1R23 AI19075-01	PETTY, HOWARD R		MOLECULAR MEMBRANE PHYSIOLOGY OF MACROPHAGE ENDOCYTOSIS	36,0
1R01 AM31179-01	WEINSTOCK, JOEL V		IMMUNOREGULATION OF INTESTINAL GRANULOMAS	67,2
INSTITUTION TOTAL	10	503,621		
CITY TOTAL	12	994,168		
EAST LANSING				
MICHIGAN STATE UNIVERSITY				
1R01 HD17018-01	ASHER, JAMES H, JR		MOLECULAR ANALYSES OF MUTANT ANOPHTHALMIC WHITE HAMSTERS	48,3
1R01 HL27719-01A1	BERNARD, RUDY A		NEUROBIOLOGICAL BASIS OF SALT APPETITE AND HYPERTENSION	61,4
1R01 GM29687-01	DODGSON, JERRY B		HISTONE GENE ORGANIZATION AND EXPRESSION IN DEVELOPMENT	46,4
1R01 ES02967-01	HOOK, JERRY B		BIOLOGICAL EFFECT OF CHEMICAL INTERACTIONS IN THE KIDNEY	67,8
1R01 HL30143-01	HUME, JOSEPH R		PHARMACOLOGY OF NA+ AND CA+ ANTAGONISTS IN HEART CELLS	85,6
1R01 GM31373-01	KENDE, HANS J		SITE OF ACTION OF CYTOKININS	29,2
1R01 CA33158-01	KUNG, HSING-JIEN		ERYTHROLEUKEMIA: ONCOGENE ACTIVATION BY RETROVIRUS	63,7
1R01 CA32924-01	MC CORMICK, J JUSTIN		TRANSFORMATION OF HUMAN CELLS BY IONIZING RADIATION	99,3
1R01 GM31202-01	MC GRATH, JOHN J		OSMOSIS AND FREEZING IN LARGE UNILAMELLAR LIPOSOMES	76,4
1R23 NS18551-01	SAKAI, SHARLEEN T		CONNECTIONS OF FRONTAL AGRANULAR CORTEX	35,9
1R01 GM31707-01	SCHINDLER, MELVIN S		LATERAL MOBILITY IN THE OUTER MEMBRANE OF BACTERIA	58,6

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN				
EAST LANSING				
MICHIGAN STATE UNIVERSITY				
1R01 AI19426-01	SILVER, JACK		ISOLATION AND ANALYSIS OF HUMAN I-A SUBREGION-LIKE GENES	52,028
1R01 CA33190-01	ZILE, MAIJA H		DIETARY VITAMIN A AND EXPERIMENTAL MAMMARY TUMORIGENESIS	43,557
INSTITUTION TOTAL	13	768,589		
CITY TOTAL	13	768,589		
MIDLAND				
MICHIGAN MOLECULAR INSTITUTE				
1R01 CA31705-01	MEEHAN, THOMAS		PHYSICAL INTERACTIONS OF BAP DIOL EPOXIDES WITH DNA	47,366
INSTITUTION TOTAL	1	47,366		
CITY TOTAL	1	47,366		
ROCHESTER				
OAKLAND UNIVERSITY				
1R01 AG03527-01	CHATTERJEE, BANDANA		AGE AND HORMONE DEPENDENT REGULATION OF HEPATIC PROTEIN	60,573
INSTITUTION TOTAL	1	60,573		
CITY TOTAL	1	60,573		
STATE TOTAL	48	3,136,785		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1R23 HL29460-01	BENDITT, DAVID G		BASIS OF CARDIAC SURGERY FOR VENTRICULAR DYSRHYTHMIAS	36,372
1R01 HL28037-01A1	CURRY, RUSSELL A		EFFECTS OF MONOCLONAL ANTIBODY ON PLATELET AGGREGATION	73,429
1R01 HD16173-01A1	GEHRZ, RICHARD C		MECHANISMS OF IMMUNE RESPONSE TO CMV IN CHILDREN	49,869
1R01 AM31437-01	HOSTETTER, THOMAS H		GLOMERULAR MICROCIRCULATORY RESPONSE TO RENAL INJURY	70,367
1R01 NS17944-01A1	KOERNER, JAMES F		GLUTAMATE ANALOGUES ON HIPPOCAMPAL NEURONS	55,517
1R23 AI19254-01	OROSZ, CHARLES G		CLONED T CELL RESPONSES TO MACROPHAGE PRODUCTS (IL-1)	33,600
1R03 AG03647-01	PERLMUTTER, MARION		AGING EFFECTS ON HUMAN MEMORY	14,400
1R01 GM30319-01A1	SAUERBIER, WALTER		TRANSCRIPTION OF UV-IRRADIATED DNA AND CHROMATIN	71,471
1R01 GM31159-01	SILFLOW, CAROLYN D		CHARACTERIZATION AND EXPRESSION OF TUBULIN GENES	61,756
1S10 RR01439-01	THOMAS, DAVID D		TIME-RESOLVED BIOPHYSICAL SPECTROSCOPY LABORATORY	105,460
1R23 AI19200-01	WIDMER, MICHAEL B		HELPER CELL--INDEPENDENT CLONED CYTOLYTIC T LYMPHOCYTES	32,640
1R01 CA33082-01	WOHLHUETER, ROBERT M		RATE DETERMINANTS OF HEXOSE UPTAKE IN TRANSFORMED CELLS	51,284
1R01 CA33314-01	YUNIS, JORGE J		FINE CHROMOSOMAL DEFECTS IN NON-HODGKIN'S LYMPHOMA	95,789
INSTITUTION TOTAL	13	751,954		
CITY TOTAL	13	751,954		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
1R01 HL28321-01	KAYE, MICHAEL P	PROLONGED PRESERVATION OF MYOCARDIUM	67,241
1R23 AI19126-01	KRCO, CHRISTOPHER J	ANALYSES OF COMBINATORIAL IA ANTIGENS	33,288
1P20 CA32660-01	LIEBER, MICHAEL M	EXPLORATORY STUDIES IN SURGICAL ONCOLOGY RESEARCH	76,694
1R23 HL28029-01A1	MARTIN, WILLIAM J	DRUG-INDUCED LUNG CELL INJURY	34,212
1R23 AM31470-01	NISSEN, STEVEN L	HEPATIC REGULATION OF LEUCINE METABOLISM IN VIVO	36,187
1R13 CA33410-01	PEARSON, GARY R	FOURTH INTERNATIONAL SYMPOSIUM--NASOPHARYNGEAL CARCINOMA	15,000
1R01 GM30178-01A1	PRENDERGAST, FRANKLIN G	BIOCHEMISTRY OF BIOLUMINESCENCE IN AEQUORIN	43,850
1R01 GM31241-01	PRENDERGAST, FRANKLYN G	BIOPHYSICAL MECHANISMS IN MELITTIN INDUCED CYTOLYSIS	59,038
1R01 HL29592-01	REHDER, KAI	GAS TRANSPORT DURING HIGH FREQUENCY OSCILLATION	98,902
1R01 GM30884-01	REINHART, GREGORY D	MECHANISM OF ALLOSTERIC INFLUENCE ON ENZYME ACTIVITY	48,992
1R01 CA32689-01	RITTS, ROY E	HIGH-RISK PROGNOSTIC FACTORS IN OGS	85,364
1R01 HL28482-01A1	ROHRBACH, MICHAEL S	SARCOIDOSIS AND ANGIOTENSIN CONVERTING ENZYME INDUCTION	82,271
1R01 HD16705-01	SPELSBERG, THOMAS C	SPECIFIC DNA SEQUENCES IN NUCLEAR BINDING OF PROGESTERON	77,146
INSTITUTION TOTAL	13	758,185	
CITY TOTAL	13	758,185	
STATE TOTAL	26	1,510,139	
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
1R23 DE06027-01	CAPRA, NORMAN F	KINESTHETIC MECHANISMS IN THE TRIGEMINAL SYSTEM	37,497
1R01 AI18342-01A1	CLEM, LESTER W	INTRAMOLECULAR HETEROGENEITY OF IGM ANTIBODIES	49,924
1R23 AI19412-01	LOBB, CRAIG J	IMMUNE MECHANISMS OF MUCOSAL SURFACES IN ECTOTHERMS	36,000
INSTITUTION TOTAL	3	123,421	
CITY TOTAL	3	123,421	
MISSISSIPPI STATE			
MISSISSIPPI STATE UNIVERSITY			
1R01 ES03069-01	YARBROUGH, JAMES D	GENETIC STUDIES OF VERTEBRATE INSECTICIDE RESISTANCE	49,667
INSTITUTION TOTAL	1	49,667	
CITY TOTAL	1	49,667	
STATE TOTAL	4	173,088	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R01 LM03980-01	BOYCE, BERT R	A DRILL AND PRACTICE PROGRAM FOR ONLINE RETRIEVAL	20,526

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI				
COLUMBIA				
UNIVERSITY OF MISSOURI-COLUMBIA				
1R01 HL29007-01	GARNER, HAROLD E		COLLATERALIZATION DUE TO MYOCARDIAL ISCHEMIA	63,846
1R23 DE06130-01	HURLEY, THOMAS W		CALMODULIN AND SUBMANDIBULAR GLAND SECRETION	34,095
1R01 AM31186-01	MC CORMICK, JOHN P		FLUORINE LABELING IN BIOSYNTHETIC STUDIES	77,007
INSTITUTION TOTAL	4	195,474		
CITY TOTAL	4	195,474		
KANSAS CITY				
UNIVERSITY OF MISSOURI-KANSAS CITY				
1R23 AG03565-01	BECK, SCOTT H		DETERMINANTS OF RETURN TO WORK AFTER RETIREMENT	29,078
INSTITUTION TOTAL	1	29,078		
CITY TOTAL	1	29,078		
NORMANDY				
UNIVERSITY OF MISSOURI-ST. LOUIS				
1R01 EY04464-01	TRICK, GARY L		PATTERN-REVERSAL RETINAL POTENTIALS IN GLAUCOMA	28,958
INSTITUTION TOTAL	1	28,958		
CITY TOTAL	1	28,958		
SAINT LOUIS				
JEWISH HOSPITAL OF ST. LOUIS				
1R13 DE06229-01	AVIOLI, LOUIS V		GORDON RESEARCH CONFERENCE ON BONES AND TEETH	5,000
1R13 AI19091-01	PIERCE, CARL W		FIFTH IR GENE WORKSHOP	18,000
INSTITUTION TOTAL	2	23,000		
ST. LOUIS UNIVERSITY				
1R01 CA33101-01	CONLEY, ANTHONY J		REGULATORY FUNCTIONS OF HERPES SIMPLEX GENE EXPRESSION	83,872
1R01 CA33389-01	JOHNSON, FRANK E		HORMONAL EFFECTS ON GASTRIC AND HEPATOBILIARY CANCERS	75,725
1R01 GM31276-01	WOLD, WILLIAM S		ADENOVIRUS EXPRESSION VECTOR	44,018
INSTITUTION TOTAL	3	203,615		
WASHINGTON UNIVERSITY				
1S10 RR01440-01	COLLINS, ROBERT C		AN IMAGE ANALYSIS SYSTEM FOR FUNCTIONAL NEUROANATOMY	231,000
1R01 CA33529-01	CULLEN, SUSAN E		PROCESSING OF IA MOLECULES IN B CELLS AND MACROPHAGES	59,639
1R01 AI18440-01A1	DAVIE, JOSEPH M		B CELL SUBSETS	91,752

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1R01 AI19370-01	GOLDENBERG, CARLOS J	GENE EXPRESSION AND SPLICING OF ADENOVIRUS RNA	63,901
1R01 AM31322-01	GONEN, BOAS	NONENZYMATIC GLYCOSYLATION OF LIPOPROTEINS IN DIABETES	55,088
1R01 GM30982-01	GOODENOUGH, URSULA W	FERTILIZATION MECHANISMS IN CHLAMYDOMONAS	37,887
1R03 DE06323-01	GOSSLING, JENNIFER	STREPTOCOCCI IN MIXED ODONTOGENIC INFECTIONS	10,828
1R01 HL29507-01	HENRY, PHILIP D	EFFECT OF NIFEDIPINE ON ATHEROGENESIS	66,692
1R01 HL30071-01	KAO, RACE L	OPTIMAL MYOCARDIAL PROTECTION	48,724
1R01 HL30152-01	LANGE, LOUIS G	SPECIFIC MYOCARDIAL METABOLITES OF ETHANOL	53,738
1R23 AM31496-01	LUSTMAN, PATRICK J	DEPRESSION IN ADULTS WITH DIABETES MELLITUS	31,275
1R24 RR01379-01	MOLNAR, CHARLES E	RESEARCH IN VLSI SYSTEMS FOR BIOMEDICAL APPLICATIONS	514,605
1R01 AM30542-01A1	MORRISON, AUBREY R	PROSTAGLANDINS AND EICOSANOIDS IN RENAL FUNCTION	101,973
1R01 HL29229-01	OSTLUND, RICHARD E, JR	FAMILIAL HYPERCHOLESTEROLEMIA IN CULTURED CELLS	36,872
1R01 NS18629-01	PURVES, DALE	COMPETITIVE APPORTIONMENT OF INNERVATION TO NEURONS	64,265
1R01 NS18669-01	SAPER, CLIFFORD B	CENTRAL CARDIAC PATHWAYS	35,083
1R01 AI19350-01	SHACKELFORD, PENELOPE G	SUBCLASS RESPONSE TO POLYSACCHARIDE ANTIGENS IN CHILDREN	73,895
1R23 AI19341-01	SHEPHERD, VIRGINIA L	MODULATION OF LYSOSOMAL ENZYME RECEPTORS IN MACROPHAGES	30,058
1R23 AM31435-01	STRICKLIN, GEORGE P	HUMAN SKIN COLLAGENASE: MECHANISMS OF ACTIVATION	36,188
1R24 RR01362-01	THOMAS, LEWIS J, JR	TISSUE CHARACTERIZATION VIA ULTRASONIC IMAGING	209,568
INSTITUTION TOTAL	20	1,853,031	
CITY TOTAL	25	2,079,646	
STATE TOTAL	31	2,333,156	
MONTANA			
BOZEMAN			
MONTANA UNIVERSITY SYSTEM--MONTANA STATE UNIVERSITY			
1R01 ES02995-01	WARREN, GUYLYN R	INTERACTIONS OF POLLUTANTS: EFFECTS ON GENETIC TOXICITY	57,347
INSTITUTION TOTAL	1	57,347	
CITY TOTAL	1	57,347	
STATE TOTAL	1	57,347	
NEBRASKA			
LINCOLN			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN			
1R03 DE06240-01	BOLTON, RONALD W	BIOLOGICAL PROPERTIES OF CAPNOCYTOPHAGA POLYSACCHARIDES	7,500
INSTITUTION TOTAL	1	7,500	
CITY TOTAL	1	7,500	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA				
OMAHA				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER				
1R01 ES03123-01	BERNDT, WILLIAM O		INTERACTIONS OF ENVIRONMENTALLY IMPORTANT NEPHROTOXINS	56,465
1R03 DE06331-01	BOOTH, SHELDON J		BACTERIOCINS OF ANAEROBIC BACTERIA IN PLAQUE	14,790
1R01 CA29197-01A2	ISSENBERG, PHILLIP		ENVIRONMENTAL OCCURENCE OF SOME HYDROXY NITROSAMINES	62,470
1R01 HL29128-01	JOYNER, WILLIAM L		PATHOPHYSIOLOGY OF MICROCIRCULATION IN HYPERTENSION	48,484
1R01 AI19917-01	KLASSEN, LYNELL W		ALLORECOGNITION OF HEMATOPOIETIC CELLS BY PLATELETS	56,452
1R01 CA31611-01A1	TOTH, BELA		CARCINOGENESIS AND CHEMISTRY OF CULTIVATED MUSHROOM	91,030
1R01 CA33386-01	VOLSKY, DAVID J		EPSTEIN-BARR VIRUS AND TUMOR PROMOTION	68,035
INSTITUTION TOTAL	7	397,726		
CITY TOTAL	7	397,726		
STATE TOTAL	8	405,226		
NEW HAMPSHIRE				
DURHAM				
UNIVERSITY SYSTEM OF NEW HAMPSHIRE--UNIVERSITY OF NEW HAMPSHIRE				
1R23 AM31549-01	TAGLIAFERRO, ANTHONY R		AEROBIC TRAINING AND ENERGY ECONOMY	36,188
INSTITUTION TOTAL	1	36,188		
CITY TOTAL	1	36,188		
HANOVER				
DARTMOUTH COLLEGE				
1R23 HL28834-01	CURFMAN, GREGORY D		MYOSIN ISOENZYMES IN MYOCARDIAL HYPERTROPHY	36,375
1R01 CA32478-01	CURPHEY, THOMAS J		PANCREATIC CANCER AND RETINOIDS--MODEL AND MECHANISM	94,272
1R01 HL29068-01	DAUBENSPECK, JOHN A		REFLEX REGULATION OF THE HUMAN BREATHING PATTERN	90,996
1R01 NS18315-01	OCHOA, JOSE L		SENSATION FROM ACTIVATION OF SINGLE SENSORY UNITS	57,898
1R01 CA32832-01	WURSTER-HILL, DORIS H		CYTOGENETICS OF FAMILIAL MEDULLARY THYROID CARCINOMA	52,381
INSTITUTION TOTAL	5	331,922		
CITY TOTAL	5	331,922		
STATE TOTAL	6	368,110		
NEW JERSEY				
NEW BRUNSWICK				
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK				
1R23 HD17432-01	JOHNSON, ALAN L		NEUROENDOCRINE CONTROL OF OVULATION	34,613
1R01 AI18703-01A1	KNAPP, SPENCER A		TOTAL SYNTHESIS OF AMINOCYCLITOL ANTIBIOTICS	61,777

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK			
1R01 NS18526-01	THOMAS, DAVID A	ANALYSIS OF ACOUSTICAL COMMUNICATION	35,219
INSTITUTION TOTAL	3	131,609	
CITY TOTAL	3	131,609	
NEWARK			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1R23 HL29221-01	AVIV, ABRAHAM	VASCULAR SMOOTH MUSCLE CELL NA-K ATPASE IN HYPERTENSION	36,220
1R18 HL28910-01	LASSER, NORMAN L	RISK FACTORS IN CORONARY HEART DISEASE	232,971
INSTITUTION TOTAL	2	269,191	
CITY TOTAL	2	269,191	
PASSAIC			
BETH ISRAEL HOSPITAL			
1R23 HL29295-01	WEI, JEANNE Y	EFFECT OF AGE ON AFFERENT ASPECTS OF CARDIAC REFLEXES	35,801
INSTITUTION TOTAL	1	35,801	
CITY TOTAL	1	35,801	
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
1R23 CA33212-01	LASKIN, JEFFREY D	CONTROL OF MELANOGENESIS BY CHEMOTHERAPEUTIC AGENTS	36,307
1R01 GM31229-01	PENNINGROTH, STEPHEN M	ATP-DEPENDENT CONTROL MECHANISMS IN FLAGELLAR MOTILITY	36,819
INSTITUTION TOTAL	2	73,126	
CITY TOTAL	2	73,126	
PRINCETON			
PRINCETON UNIVERSITY			
1R01 GM30789-01	AUSTIN, ROBERT H	TRIPLET ANISOTROPY DECAY STUDIES OF DNA MOTION	44,662
1R01 GM31104-01	GREENSPAN, RALPH J	DEVELOPMENTAL GENETICS OF NERVOUS SYSTEM IN DROSOPHILA	83,726
INSTITUTION TOTAL	2	128,388	
CITY TOTAL	2	128,388	
SKILLMAN			
NEW JERSEY STATE DEPARTMENT OF HUMAN SERVICES--NEW JERSEY NEUROPSYCHIATRIC INSTITUTE			
1R01 HD15069-01A1	SPITZ, HERMAN H	CHRONOMETRIC ANALYSIS OF RETARDED PROBLEM SOLVING	46,325

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	46,325		
CITY TOTAL	1	46,325		
NEW JERSEY				
TEANECK				
FAIRLEIGH DICKINSON UNIVERSITY TEANECK				
1R23 DE05953-01	LAMSTER, IRA B		PMN ENZYMES AS IMMUNE MODIFIERS IN PERIODONTAL DISEASE	29,100
INSTITUTION TOTAL	1	29,100		
CITY TOTAL	1	29,100		
STATE TOTAL	12	713,540		
NEW YORK				
ALBANY				
NEW YORK STATE DEPARTMENT OF HEALTH				
1R01 CA29622-01A1	NASCA, PHILIP C		BREAST CANCER, BBD, HAIR DYES AND MENOPAUSAL ESTROGENS	148,048
1R01 GM31698-01	STURMAN, LAWRENCE S		CORONAVIRUS GLYCOPROTEINS AND GLYCOSAMINOGLYCANS	70,424
INSTITUTION TOTAL	2	218,472		
STATE UNIVERSITY OF NEW YORK AT ALBANY				
1R01 CA32829-01	IZZARD, COLIN S		DEFECTIVE ADHESION IN TRANSFORMED CELLS	79,356
INSTITUTION TOTAL	1	79,356		
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE				
1R23 HD16716-01	ANDERSEN, THOMAS T		THERMODYNAMICS OF HORMONE STRUCTURE AND BINDING	35,280
1R23 HD16675-01	DIAS, JAMES A		GONADOTROPIN RECEPTOR-POLYAMINE INTERACTION IN TESTIS	29,760
1R01 CA32531-01	JACOBSON, HERBERT I		A MARKER FOR STUDYING INHIBITION OF COLON CARCINOGENESIS	59,654
1R23 HL29273-01	MINNEAR, FRED L		PATHOGENESIS OF NEUROGENIC PULMONARY EDEMA	36,220
INSTITUTION TOTAL	4	160,914		
CITY TOTAL	7	458,742		
BINGHAMTON				
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON				
1R01 HL29488-01	DIX, JAMES A		BIOPHYSICS OF ANION TRANSPORT IN RED CELLS	57,092
1R01 CA28335-01A1	EISCH, JOHN J		MASKED ANTITUMOR ALKYLATING AGENTS BY ORGANOMETALLICS	43,050
INSTITUTION TOTAL	2	100,142		
CITY TOTAL	2	100,142		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
1R01 CA32937-01	ASCH, BONNIE B		MARKERS OF MAMMARY CELL DIFFERENTIATION AND NEOPLASIA	78,624
1R01 CA33462-01	BANKERT, RICHARD B		MONOCLONAL ANTIBODIES APPLIED TO TREAT/DIAGNOSE CANCER	59,905
1R01 CA33246-01	DAO, THOMAS L		PATHOPHYSIOLOGY OF SIALYLTRANSFERASE IN BREAST CANCER	73,905
1P01 CA28853-01A1	HOLYOKE, EDWARD D		PATHOPHYSIOLOGY OF METASTASIS	199,286
1R01 GM30969-01	HUI, SEK-WEN		MECHANISM OF POLYETHYLENE GLYCOL INDUCED MEMBRANE FUSION	33,172
1R01 CA33240-01	IP, MARGOT M		DIETARY FAT AND PROMOTION OF MAMMARY CARCINOGENESIS	78,034
1R01 CA33321-01	PORTER, CARL W		POLYAMINE DERIVATIVES AS ANTICANCER AGENTS	73,450
INSTITUTION TOTAL	7	596,376		
STATE UNIVERSITY OF NEW YORK AT BUFFALO				
1R01 DE06514-01	GENCO, ROBERT J		PERIODONTAL DISEASES AND DIABETES IN GILA RIVER INDIANS	129,935
1R01 DE05623-01A1	HAUSMANN, ERNEST		BACTERIAL PRODUCTS AND BONE METABOLISM	84,271
1R23 HL29032-01	HIRSCH, JUDITH A		AUTONOMIC CONTROL OF BREATHING AND HEART RATE IN COPD	36,375
1R01 EY04443-01	KOENIG, EDWARD		RETINAL GANGLION CELL GROWTH AND INVOLUTION IN VITRO	39,688
1R01 NS18509-01	KUNG, HANK F		NEW BRAIN PERFUSION IMAGING AGENTS	96,392
1R01 CA25889-01A3	RUDIN, STEPHEN		RADIOGRAPHIC CONTRAST IMPROVEMENT USING RAW'S (REV.B)	80,561
1R01 AI19346-01	VENTER, J CRAIG		B-ADRENERGIC RECEPTOR AUTOANTIBODIES & ALLERGIC DISEASE	86,672
INSTITUTION TOTAL	7	553,894		
CITY TOTAL	14	1,150,270		
COLD SPRING HARBOR				
COLD SPRING HARBOR LABORATORY				
1R13 CA32922-01	BROKER, THOMAS R		INTERNATIONAL CONFERENCE ON PAPILLOMA VIRUSES	9,500
1R01 GM31048-01	LIN, JIM J		GOLI-ASSOCIATED, HEAT-SHOCK PROTEIN	57,069
INSTITUTION TOTAL	2	66,569		
CITY TOTAL	2	66,569		
COOPERSTOWN				
MARY IMOGENE BASSETT HOSPITAL AND CLINICS				
1R23 HL29277-01	MAZUR, ERIC M		IN VITRO STUDIES OF HUMAN MEGAKARYOCYTOPOIESIS	34,364
INSTITUTION TOTAL	1	34,364		
CITY TOTAL	1	34,364		
ITHACA				
CORNELL UNIVERSITY ITHACA				
1R01 GM30875-01	COLLUM, DAVID B		ASSISTED ELECTROPHILIC OPENING OF CYCLOPROPANES	63,680

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GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK				
ITHACA				
CORNELL UNIVERSITY ITHACA				
1R01 AI19310-01	DUNNY, GARY M		GENETIC FUNCTION OF A CONJUGATIVE STREPTOCOCCAL R FACTOR	55,504
1R23 AI17963-01A1	STEPHENSON, LANI S		CHILD GROWTH AND ANEMIA IN URINARY SCHISTOSOMIASIS	25,775
INSTITUTION TOTAL	3	144,959		
CITY TOTAL	3	144,959		
LAKE PLACID				
W. ALTON JONES CELL SCIENCE CENTER				
1R01 EY04100-01	CHURCH, ROBERT L		GENE MAPPING OF OCULAR CONNECTIVE TISSUE PROTEINS	66,210
1P01 AG03275-01	SMITH, JAMES R		GROWTH FUNCTION AND AGING OF DIFFERENTIATED CELLS	257,091
INSTITUTION TOTAL	2	323,301		
CITY TOTAL	2	323,301		
NEW YORK				
AMERICAN HEALTH FOUNDATION				
1R23 CA32272-01	CHUNG, FUNG-LUNG		SCREENING FOR INHIBITORS OF N-NITROSAMINE CARCINOGENESIS	31,395
1R01 CA32519-01	HECHT, STEPHEN S		CHEMOPREVENTION OF NITROSAMINE CARCINOGENESIS BY BHA	49,552
1R01 CA33144-01	MC QUEEN, CHARLENE A		GENETIC SUSCEPTIBILITY TO XENOBIOTIC TOXICITY	55,486
1P01 CA32617-01	WYNDER, ERNST L		INTERDISCIPLINARY STUDIES IN CANCER EPIDEMIOLOGY	660,293
INSTITUTION TOTAL	4	796,726		
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE				
1R01 GM31213-01	BARTON, JACQUELINE K		ROLE OF ZINC IN A DNA ENZYME	72,484
INSTITUTION TOTAL	1	72,484		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE				
1R01 HD16008-01A1	FLEMING, HONOREE		REGULATION OF E2 BINDERS IN CULTURED ENDOMETRIAL CELLS	78,502
1R01 HD16619-01	GURPIDE, ERLIO		FETO-MATERNAL HORMONE SECRETION BY PERFUSED PLACENTAS	50,020
1R01 HL30517-01	KULIKOWSKI, ROBERT R		MYOSIN ISOENZYMES DURING EARLY HEART DEVELOPMENT	53,150
1P01 HL29019-01	NEMERSON, YALE R		TISSUE FACTOR IN BLOOD COAGULATION	564,981
1R01 HL28843-01	RENTROP, PETER K		RANDOMIZED CLINICAL TRIAL OF NON-SURGICAL REPERFUSION	774,322
INSTITUTION TOTAL	5	1,520,975		
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE				
1R01 HD16627-01	SWICK, KENNETH E		NONLINEAR AGE-DEPENDENT POPULATION DYNAMICS	17,434
INSTITUTION TOTAL	1	17,434		

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
1S10 RR01590-01	BURNETT, ROGER M	COMPUTER GRAPHICS SYSTEM FOR STRUCTURAL BIOLOGY	170,000
1R01 AI19399-01	CHALFIE, MARTIN	GENETIC AND BIOCHEMICAL ANALYSIS OF NEMATODE MICROTUBULE	75,032
1R01 GM30997-01	CHALFIE, MARTIN	GENETIC ANALYSIS OF NEMATODE CELL DIFFERENTIATION	91,922
1R23 HL29211-01	DOBKIN, CARL S	B GLOBIN MRNA PROCESSING IN THALASSEMIA CELLS	33,950
1R01 AM32085-01	EFSTRATIADIS, ARGIRIS	STRUCTURE OF INSULIN-LIKE GENES/HLA & JUVENILE DIABETES	117,422
1R01 GM29722-01	GOODMAN, REBA	DNA METHYLATION AND DIPTERAN DIFFERENTIATION	65,950
1R01 HL29268-01	GREISLER, HOWARD P	APPLICATION OF ARTERIAL REGENERATION	48,500
1R23 AM32080-01	MARKS-KAUFMAN, ROBIN	OPIOID PEPTIDES: FOOD INTAKE SELECTION AND OBESITY	33,291
1R01 HL29529-01	PERNIS, BENVENUTO G	EFFECT OF FIBROGENIC DUSTS ON MACROPHAGE IMMUNE FUNCTION	64,592
1R01 AI19276-01	SHUMAN, HOWARD A	MALTOSE TRANSPORT IN ESCHERICHIA COLI	70,975
1R01 NS18840-01	TORAN-ALLERAND, C DOMINIQUE	CELLULAR NEUROBIOLOGY IN OPEN NEURAL TUBE DEFECTS	46,300
INSTITUTION TOTAL	11	817,934	
CORNELL UNIVERSITY MEDICAL CENTER			
1R01 AM31305-01	BADER, DAVID M	IMMUNOCHEMICAL ANALYSIS OF MYOSIN DURING MYOGENESIS	82,841
1P01 NS17778-01A1	GAZZANIGA, MICHAEL S	PROGRAM IN COGNITIVE NEUROSCIENCE	192,894
1S10 RR01433-01	GRAFSTEIN, BERNICE	ELECTRON MICROSCOPE SHARED RESOURCE FACILITY	178,000
1R01 NS18802-01	SIDTIS, JOHN J	RIGHT HEMISPHERE AUDITORY PATTERN RECOGNITION	54,529
1R01 HD15738-01A1	VANNUCCI, ROBERT C	PATHOGENESIS OF PERINATAL HYPOXIC-ISCHEMIC BRAIN DAMAGE	109,315
INSTITUTION TOTAL	5	617,579	
HOSPITAL FOR JOINT DISEASES ORTHOPAEDIC INSTITUTE			
1R01 AI19411-01	WINCHESTER, ROBERT J	B CELL ALLOANTIGENS, MOLECULAR BASIS AND DISEASE ASPECTS	138,602
INSTITUTION TOTAL	1	138,602	
HOSPITAL FOR SPECIAL SURGERY			
1R01 AM28151-01A1	TORZILLI, PETER A	BIOMECHANICS OF IN-SITU SOLUTE TRANSPORT IN CARTILAGE	97,964
INSTITUTION TOTAL	1	97,964	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1R01 CA33024-01	BAJORUNAS, DAIVA R	GLUCAGON/INSULIN SENSITIVITY IN PANCREATECTOMIZED MAN	79,661
1P20 CA32721-01	DECOSSE, JEROME	EXPLORATORY STUDIES IN SURGICAL ONCOLOGY RESEARCH	77,824
1P01 CA33050-01	O'REILLY, RICHARD J	TRANSPLANTATION OF LETHAL CONGENITAL IMMUNODEFICIENCIES	250,000
1P01 CA33049-01	OETTGEN, HERBERT F	BIOLOGICAL APPROACHES TO THE TREATMENT OF CANCER	200,000
INSTITUTION TOTAL	4	607,485	
MONTEFIORE HOSPITAL AND MEDICAL CENTER			
1R01 HL28942-01	PANNIZZO, FRANK J	TACHYCARDIA SENSING SYSTEM FOR CARDIAC PACEMAKER	37,030
INSTITUTION TOTAL	1	37,030	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
NATIONAL KIDNEY FOUNDATION			
1R13 AM31645-01	HARRIS, ROBERT H	DIABETES MELLITUS AND RENAL DISEASE	7,000
INSTITUTION TOTAL	1	7,000	
NEW YORK ACADEMY OF SCIENCES			
1R13 CA34526-01	BONA, CONSTANTIN A	IMMUNE NETWORK	4,500
INSTITUTION TOTAL	1	4,500	
NEW YORK ASSOCIATION FOR THE BLIND			
1R01 EY04436-01	CAMISA, JOHN	SUPRATHRESHOLD CONTRAST PERCEPTION IN LOW VISION	78,395
INSTITUTION TOTAL	1	78,395	
NEW YORK BLOOD CENTER			
1R23 AI19205-01	HOPP, THOMAS P	SYNTHETIC VACCINE RESEARCH	32,640
1R23 CA34621-01	HOSEIN, BARBARA H	HUMAN EPIDERMAL DIFFERENTIATION REVERSIBLY BLOCKED BY PM	34,838
1R01 GM28559-01A1	REDMAN, COLVIN M	BIOGENESIS OF ERYTHROCYTE MEMBRANE PROTEINS	67,019
INSTITUTION TOTAL	3	134,497	
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE			
1R01 NS18822-01	KELLY, DENNIS D	A PSYCHOPHYSICAL ANALYSIS OF STRESS-INDUCED ANALGESIA	18,028
INSTITUTION TOTAL	1	18,028	
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST BASIC RES DEV			
1R01 GM30800-01	MILLER, DAVID L	STRUCTURE & FUNCTION OF PEPTIDE CHAIN ELONGATION FACTOR	65,576
INSTITUTION TOTAL	1	65,576	
NEW YORK UNIVERSITY			
1R01 CA33104-01	BASCH, ROSS S	SOMATIC CELL GENETIC ANALYSIS OF T-CELL DIFFERENTIATION	91,052
1R01 HD17423-01	BORNSTEIN, MARC H	PERCEPTION OF SYMMETRY IN INFANCY	47,289
1R01 GM31740-01	COWAN, NICHOLAS J	STRUCTURE AND EXPRESSION OF HUMAN TUBULIN GENES	90,871
1R01 AI19369-01	LAWRENCE, H SHERWOOD	NATURE OF INDUCER & SUPPRESSOR	74,208
1R01 CA33205-01	MARMOR, MICHAEL	RISK FACTORS FOR KAPOSI'S SARCOMA IN HOMOSEXUAL MEN	26,756
1R01 CA31346-01A1	MERUELO, DANIEL	LOCI AFFECTING RADIATION/RADLV-INDUCED LEUKEMOGENESIS	61,244
1R01 ES03043-01	SEGAL, ALVIN	TUMOR INDUCTION BY ACRYLONITRILE AND ITS EPOXIDE	47,395
1R01 CA32801-01	THORBECKE, G JEANETTE	IMMUNE RESPONSES TO CHEMICALLY-INDUCED TUMORS	97,777
INSTITUTION TOTAL	8	536,592	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
POPULATION COUNCIL			
1R01 HD17043-01	MONDER, CARL	HYDROXYSTEROID DEHYDROGENASES AND FETAL DEVELOPMENT	41,760
INSTITUTION TOTAL	1	41,760	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK			
1R01 GM31788-01	BHANOT, OPINDER S	MOLECULAR MECHANISMS OF MUTATIONS BY AP-SITE	90,088
INSTITUTION TOTAL	1	90,088	
ROCKEFELLER UNIVERSITY			
1R01 NS18581-01	ASANUMA, HIROSHI	SYNAPTIC FORMATION BY ELECTRICAL STIMULATION	33,063
1R01 GM31137-01	CASHMORE, ANTHONY R	SEQUENCES ENCODING THE SMALL SUBUNIT OF RUBP CARBOXYLASE	62,529
1R01 AM32367-01	KAISER, EMIL T	CALCIUM OXALATE MONOHYDRATE CRYSTAL GROWTH INHIBITORS	112,131
1P50 AI19080-01	KUNKEL, HENRY G	ALLERGY AND CLINICAL IMMUNOLOGY PROGRAM	205,484
1R01 NS18793-01	SILVERSTEIN, SAMUEL C	MONONUCLEAR LEUKOCYTES IN MUSCULAR DYSTROPHY	72,066
1R23 NS18731-01	TRAVERS, JOSEPH B	NEURAL BASIS OF TASTE ELICITED INGESTION AND REJECTION	32,976
1R01 AI19041-01	ZABRISKIE, JOHN B	STUDIES ON STREPTOCOCCAL NEPHRITOGENIC PROTEIN	77,850
1R01 AI18149-01A1	ZABRISKIE, JOHN B	MECHANISMS OF STREPTOCOCCAL-HOST INTERACTIONS	76,374
INSTITUTION TOTAL	8	672,473	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1R01 CA33383-01	AUGENLICHT, LEONARD H	TRANSFORMING GENES OF BENIGN AND MALIGNANT COLON TUMORS	96,280
1R01 HD16884-01	CHENG, CECILIA C	IMMUNOBIOLOGY AND IMMUNOCHEMISTRY OF MOUSE T/T ANTIGENS	40,190
1R01 CA33100-01	CHIAO, J W	DEFECTS OF AML LEUKEMIA IN REPLICATION AND MATURATION	36,017
1R01 CA33509-01	CHIAO, J W	SUPPRESSION & MATURATION INDUCTION OF LEUKEMIC CELLS	61,775
1R01 ES03035-01	EVENSON, DONALD P	NEW ANALYSIS OF TOXICOLOGICALLY ALTERED CHROMATIN	75,784
1R01 CA33168-01	INCEFY, GENEVIEVE S	THYMIC PEPTIDES, MONOCLONAL ANTIBODIES AND CANCER	101,813
1R01 CA33060-01	JONES, FRANK R	ANALYSIS OF IMMUNE COMPLEXES FROM TUMOR SCANS	115,898
1R01 CA32092-01	KARMALI, RASHIDA A	ROLE OF DIAZEPAM IN MAMMARY NEOPLASIA	45,866
1R01 CA33280-01	KIRCH, MARY E	ANTIBODY THERAPY OF TRANSPLANTED LEUKEMIAS	90,638
1R01 CA32516-01	MOORE, MALCOLM A	MECHANISMS OF BIOLOGICAL PREVENTION OF LEUKEMOGENESIS	106,324
1R01 CA32535-01	PARHAM, JAMES C	CHEMICAL MECHANISMS OF CARCINOGENESIS PROTECTION	59,791
1R01 CA33225-01	PELUS, LOUIS M	REGULATION OF MYELOID PROGENITOR CELL DIFFERENTIATION	40,685
1R01 CA32070-01	PLATSOUCAS, CHRIS D	CELL INTERACTIONS IN LEUKEMIA	52,483
1R01 AM31178-01	SCHNEIDER, ALLAN S	RECEPTOR REGULATION OF HORMONE SECRETION	85,733
1R01 CA32817-01	STAVNEZER, EDWARD	THE ORIGIN, STRUCTURE, AND BIOLOGICAL ACTIVITY OF SKVS	86,844
INSTITUTION TOTAL	15	1,096,121	
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES			
1R01 HL28033-01A1	BASU, MUKUL K	MEMBRANE ABNORMALITIES IN SICKLE CELL DISEASE	65,612
INSTITUTION TOTAL	1	65,612	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
1R01 AM28067-01A2	GERBER, DONALD A	BIOCHEMICAL ABNORMALITIES IN RHEUMATOID ARTHRITIS	45,783
INSTITUTION TOTAL	1	45,783	
YESHIVA UNIVERSITY			
1R01 CA33164-01	KAPLAN, BARRY H	IN VITRO ASSAY FOR PREDICTING BREAST METASTASES	82,147
1R01 GM31281-01	NADAL-GINARD, BERNARDO	MYOSIN HEAVY CHAIN EXPRESSION IN A MUSCLE CELL LINE	103,385
1R01 GM30012-01A1	PEISACH, JACK	PULSED EPR SPECTROSCOPY OF METALLOPROTEINS	249,576
1R01 GM29321-01A1	SALISBURY, JEFFREY L	RECEPTOR-MEDIATED ENDOCYTOSIS: MACROMOLECULAR MACHINERY	63,586
1R23 AM31524-01	SHERWOOD, JUDITH B	BIOGENESIS OF ERYTHROPOIETIN	35,319
INSTITUTION TOTAL	5	534,013	
CITY TOTAL	82	8,114,651	
POTSDAM			
CLARKSON COLLEGE OF TECHNOLOGY			
1R01 GM30904-01	SIIMAN, OLAVI	SURFACE-ENHANCED RAMAN SCATTERING	35,894
INSTITUTION TOTAL	1	35,894	
CITY TOTAL	1	35,894	
ROCHESTER			
EASTMAN DENTAL CENTER			
1R01 DE05717-01A1	CURZON, MARTIN E	LITHIUM AND DENTAL CARIES	38,000
INSTITUTION TOTAL	1	38,000	
UNIVERSITY OF ROCHESTER			
1R23 NS18025-01	ARMSTRONG, WILLIAM E	ELECTROPHYSIOLOGY OF SUPRAOPTIC NEURONS IN VITRO	33,487
1R01 CA33061-01	BAUER, KENNETH D	PROLIFERATION-DEPENDENT MODULATIONS OF RADIATION EFFECTS	52,622
1R01 GM30195-01A1	BELL, J ELLIS	MECHANISM AND REGULATION OF GLUTAMATE DEHYDROGENASE	50,474
1R01 GM30345-01	BOECKMAN, ROBERT K, JR	SYNTHESIS OF MEDIUM RING ANTITUMOR SUBSTANCES	43,555
1R23 ES03015-01	DIAMOND, GARY L	RENAL TOXICITY OF CADIUM-METALLOTHIONEIN	35,546
1R01 AG03403-01	KUNITZ, STEPHEN J	FAMILY ORGANIZATION AND HEALTH STATUS OF ELDERLY NAVAJOS	124,800
1R01 EY04440-01	LENNIE, PETER	QUANTITATIVE STUDIES OF VISUAL PATHWAYS IN PRIMATE	103,839
1R01 HL29257-01	OBERDOERSTER, GUENTER	LUNG PERMEABILITY AFTER O3 AND NO2 EXPOSURE	95,707
1R23 DE06222-01	THIBODEAU, EDWARD A	WEAK ACID INHIBITION OF ORAL BACTERIA	37,483
1R01 ES03054-01	WEISS, BERNARD	JUVENILE AND ADULT SUSCEPTIBILITY TO LEAD TOXICITY	74,057
1R01 CA33148-01	WHEELESS, LEON L	MULTIDIMENSIONAL SLIT-SCAN DETECTION OF BLADDER CANCER	64,235
1R01 EY04367-01	WILLIAMS, DAVID R	RETINAL MECHANISMS AND VISUAL RESOLUTION	79,959
INSTITUTION TOTAL	12	795,764	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	13	833,764		
NEW YORK				
STONY BROOK				
STATE UNIVERSITY OF NEW YORK AT STONY BROOK				
1R01 NS18579-01	ADAMS, PAUL R		DRUG ACTIONS ON SYNAPTIC CHANNELS OF NEURONS	103,679
1R23 AI19758-01	ARMSTRONG, KAREN A		GENETIC CONTROL OF DNA REPLICATION IN PLASMID PSC101	32,523
1R01 GM28632-01A1	ARNHEIM, NORMAN		STRUCTURE OF AN UNUSUAL MOUSE INTERSPERSED DNA SEQUENCE	64,047
1R23 AI18526-01A1	GHEBREHIWET, BERHANE		STUDIES OF THE FORMATION AND FUNCTION OF HUMAN C3E	31,314
1R01 GM30830-01	SARMA, RAGHUPATHY		STRUCTURE OF A SPECIFIC BACTERIAL PROTEIN	29,003
1R01 NS18839-01	SCHMIDT, JAKOB		FUNCTION OF NEURONAL CURARIMIMETIC PEPTIDE RECEPTORS	46,382
1R01 HD16816-01	WILLIS, ROBERT J		A THEORY OF DEMOGRAPHIC TRANSITION	29,911
1R01 GM31005-01	ZIEVE, GARY W		MITOSIS SPECIFIC CHANGES IN THE MAMMALIAN CYTOSKELETON	64,751
INSTITUTION TOTAL	8	401,610		
CITY TOTAL	8	401,610		
SYRACUSE				
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER				
1R01 HL29439-01	JALIFE, JOSE		CONTROL OF HEART RATE AND AV CONDUCTION	68,162
1R01 EY04005-01A1	KEATING, E GREGORY		THE CORTICAL CONTROL OF EYE MOVEMENTS	60,563
1R01 CA32781-01	STUART, MARIE J		EFFECT OF IRRADIATION ON VASCULAR-PLATELET INTERACTIONS	75,119
1R01 HL29340-01	WATT, ROBERT M		IMMUNOLOGICAL STUDY OF STRUCTURAL HETEROGENEITY IN APO-B	31,596
1R23 CA32800-01	ZAMKOFF, KENNETH W		MONOCYTES AND THE IMMUNODEFICIENCY OF HODGKIN'S DISEASE	35,346
INSTITUTION TOTAL	5	270,786		
SYRACUSE UNIVERSITY AT SYRACUSE				
1R01 EY04432-01	PELLI, DENIS G		THE VISUAL REQUIREMENTS OF EVERY DAY TASKS	61,163
1R01 GM31114-01	VOURNAKIS, JOHN N		SECONDARY STRUCTURE AND PROCESSING OF PROKARYOTIC RNA	45,249
INSTITUTION TOTAL	2	106,412		
CITY TOTAL	7	377,198		
UPTON				
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY				
1R01 GM31093-01	BURR, BENJAMIN		TRANSPOSABLE GENETIC ELEMENTS OF MAIZE	80,255
INSTITUTION TOTAL	1	80,255		
CITY TOTAL	1	80,255		
STATE TOTAL	143	12,121,719		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1R03 DE06292-01	AUKHIL, IKRAMUDDIN	FEATURES OF REPEATED EXPERIMENTAL PERIODONTITIS	9,487
1R01 GM31082-01	AZIZ, SANCAR	STRUCTURE AND REGULATION OF E. COLI DNA PHOTOLYASE	98,609
1R01 AM30478-01	BANES, ALBERT J	EFFECTS OF DIET AND DISEASE ON COLLAGEN MATURATION	45,091
1R03 DE06291-01	BANES, ALBERT J	EFFECTS OF NONBIOLOGIC DRESSINGS ON INTRAORAL HEALING	15,000
1R01 AI19267-01	BASSFORD, PHILIP, JR	EXPRESSION OF T PALLIDUM SURFACE PROTEINS IN E. COLI	81,890
1R23 CA33003-01	BECKER, SUSANNE E	CHARACTERIZATION OF HUMAN MACROPHAGE HETEROGENEITY	33,603
1R01 AM31642-01	BOLLENBACHER, WALTER E	ENDOCRINOLOGY OF INSECT DIAPAUSE	95,310
1R01 NS18791-01	BOLLENBACHER, WALTER E	PEPTIDE CONTROL OF DEVELOPMENT	74,602
1P01 HL27430-01A1	GETTES, LEONARD S	MECHANISMS OF SUDDEN CARDIAC DEATH	377,052
1R01 HL29474-01	HANTGAN, ROY R	BIOPHYSICAL STUDIES OF PLATELET-FIBRIN INTERACTIONS	37,315
1R01 HL29131-01	LUNDBLAD, ROGER L	ISOLATION AND CHARACTERIZATION OF THE GENE FOR FACTOR IX	107,435
1R01 NS18788-01	OXFORD, GERRY S	IONIC MECHANISMS RELATED TO SECRETION IN PITUITARY CELL	62,588
1R01 HL29222-01	RANGA, VENKATACHALAM	AIRWAY MUCOSAL TRANSPORT OF LARGE POLAR SOLUTES	63,163
1R01 AM31379-01	ROSSE, WENDELL F	MEMBRANE ABNORMALITIES IN PNH	91,137
1R01 NS17479-01A1	SAR, MADHABANANDA	HORMONE AND NEUROTRANSMITTER RELATIONSHIPS IN THE BRAIN	45,000
1R01 HD16834-01	SCHROEDER, STEPHEN R	STEREOTYPED BEHAVIOR AND THIORIDAZINE PHARMACODYNAMICS	65,763
1R23 HD16910-01	WILSON, ELIZABETH M	ANDROGEN RECEPTOR REGULATION OF REPRODUCTIVE FUNCTION	34,035
INSTITUTION TOTAL	17	1,337,080	
CITY TOTAL	17	1,337,080	
CHARLOTTE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE			
1R23 HL29310-01	WATTS, JOHN A	EFFECTS OF CA2+ SLOW CHANNEL BLOCKERS ON ISCHEMIC HEARTS	33,700
INSTITUTION TOTAL	1	33,700	
CITY TOTAL	1	33,700	
DURHAM			
DUKE UNIVERSITY			
1R01 HL28470-01A1	ANDERSON, PAGE A	DETERMINANTS OF FETAL AND NEONATAL CARDIAC OUTPUT	70,175
1R01 GM30820-01	CHRISTIAN, CHARLES, II	ANESTHESIA AND THE CARDIOVASCULAR SYSTEM	92,058
1R01 HL28735-01	HEIDLAGE, JOHN F	MEMBRANE BIOPHYSICS OF VASCULAR MUSCLE	55,751
1R01 CA31550-01A1	HUANG, ANDREW T	TREATMENT FOR PATIENTS WITH STAGE III AND IV CANCER	81,420
1R01 GM31198-01	KUBAI, DONNA F	EVOLUTION OF CHROMOSOME MOVEMENT	42,313
1R23 HD16988-01	MAY, JEFFREY V	GRANULOSA CELL FSH RECEPTOR REGULATION IN VITRO	32,922
1R01 HL29403-01	MILLS, ELLIOTT	BLOOD PRESSURE CONTROL & ABNORMAL SYMPATHETIC DEVELOP.	85,580
1R01 GM30900-01	NOZAKI, YASUHIKO	DETERMINATION OF THE CONCENTRATION OF BIOPOLYMERS	49,853
1R01 HL29436-01	RANKIN, J SCOTT	CARDIOVASCULAR EFFECTS OF CONTROLLED VENTILATION	69,852
1R01 EY04101-01	ROBERTSON, J DAVID	ULTRASTRUCTURE OF NORMAL AND CATARACT LENS MEMBRANES	109,647

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1R01 AI19116-01	SAMPSON, HUGH A	THE ROLE OF FOOD HYPERSENSITIVITY IN ATOPIC DERMATITIS	66,965
1P01 CA32672-01	SEIGLER, HILLIARD F	DIAGNOSIS & NEW THERAPEUTIC MODALITIES IN SURGICAL ONCOL	450,000
1P20 CA32681-01	SHINGLETON, WILLIAM W	PLANNING GRANT FOR SURGICAL ONCOLOGY	45,954
1R01 NS18670-01	SOMJEN, GEORGE G	HYPOXIA OF BRAIN TISSUE SLICES	84,268
1R01 AM29989-01A1	SURWIT, RICHARD S	BEHAVIORAL TREATMENT OF DIABETES MELLITUS	71,332
1R01 CA33208-01	WARE, JOY L	PROSTATE CELL SURFACE PHENOTYPE AND TUMOR BEHAVIOR	37,343
INSTITUTION TOTAL	16	1,445,433	
CITY TOTAL	16	1,445,433	
FAYETTEVILLE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--FAYETTEVILLE STATE UNIVERSITY			
1S06 RR08206-01	EDWARDS, MATTHEW	BIOMEDICAL RESEARCH PROGRAM	290,900
INSTITUTION TOTAL	1	290,900	
CITY TOTAL	1	290,900	
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
1R01 GM28978-01A1	HORTON, H ROBERT	SULFHYDRYL OXIDASE, GLUTAMYLTRANSFERASE, AND DISULFIDES	49,305
INSTITUTION TOTAL	1	49,305	
CITY TOTAL	1	49,305	
WINSTON-SALEM			
RETICULOENDOTHELIAL SOCIETY			
1R13 AI18537-01	NORMANN, SIGURD J	U S PARTICIPATION IN THE IX INTERNATIONAL RES CONGRESS	4,425
INSTITUTION TOTAL	1	4,425	
WAKE FOREST UNIVERSITY			
1R01 HL29136-01	CUNNINGHAM, CAROL C	MYOCARDIAL ENERGY METABOLISM--EFFECT OF ETHANOL	54,384
1R01 NS18627-01	HENKEL, CRAIG K	ORGANIZATION OF AUDITORY-MOTOR PATHWAYS IN THE MIDBRAIN	59,917
1P40 RR01603-01	LEHNER, NOEL	FACILITIES IMPROVEMENT	258,092
1R23 NS18705-01	MACLEAN, DAVID B	CONTROL OF SOMATOSTATIN AND SUBSTANCE P IN VAGUS NERVE	35,999
1R01 HL29293-01	MC CALL, CHARLES E	PATHOGENIC MECHANISMS PRODUCING LUNG INJURY	93,589
INSTITUTION TOTAL	5	501,981	
CITY TOTAL	6	506,406	
STATE TOTAL	42	3,662,824	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH DAKOTA				
GRAND FORKS				
UNIVERSITY OF NORTH DAKOTA				
1R01 NS17711-01A1	KNULL, HARVEY R		GLYCOLYTIC ENZYME BINDING TO ACTIN AND CLATHRIN IN BRAIN	37,224
INSTITUTION TOTAL	1	37,224		
CITY TOTAL	1	37,224		
STATE TOTAL	1	37,224		
OHIO				
CINCINNATI				
CHILDREN'S HOSPITAL MEDICAL CENTER				
1R01 NS18672-01	AKESON, RICHARD A		GLYCOSAMINOGLYCANS IN NEURAL ADHESION AND AXONATION	55,326
1R01 HD17000-01	LESSARD, JAMES L		IMMUNOCYTOCHEMICAL PROBES FOR ISOACTINS	96,071
1R01 ES02974-01	RITTER, EDMOND J		SYNERGISTIC INTERACTIONS OF ENVIRONMENTAL TERATOGENS	75,717
1R23 HD16907-01	SUCHY, FREDRICK J		THE ONTOGENY OF HEPATIC BILE ACID TRANSPORT	34,368
INSTITUTION TOTAL	4	261,482		
UNIVERSITY OF CINCINNATI AT CINCINNATI				
1R01 HD16994-01	BALDWIN, DAVID M		REGULATION OF LH BIOSYNTHESIS BY GNRH AND ESTRADIOL	64,143
1R01 HL29021-01	BANKS, ROBERT O		HISTAMINE AND RENAL AUTOREGULATION	48,273
1R01 AM31205-01	BLITZER, BENNETT L		CELLULAR MECHANISMS OF HEPATIC ION TRANSPORT	118,252
1R01 EY04641-01	KAO, WINSTON W		BIOSYNTHESIS OF COLLAGEN IN EMBRYONIC CHICK CORNEA	73,824
1R01 HL28573-01	LANG, DENNIS R		CLONING OF A MOUSE GENE SPECIFYING OUABAIN RESISTANCE	67,535
1R01 GM31196-01	MEYER, RALPH R		E. COLI MUTANT DNA BINDING PROTEINS AND DNA METABOLISM	63,067
1R01 HD16898-01	TEPPPERMAN, KATHERINE G		GLYCOSAMINOGLYCANS EFFECTS ON MUSCLE DEVELOPMENT	50,481
1R01 AI18863-01	WATSON, SUSAN R		IMMUNE CELL INTERACTIONS STUDIES IN MURINE HISTOPLASMA	63,438
INSTITUTION TOTAL	8	549,013		
CITY TOTAL	12	810,495		
CLEVELAND				
CASE WESTERN RESERVE UNIVERSITY				
1R01 HD16821-01	BRESLAU, NAOMI		CHILDHOOD CHRONIC ILLNESS AND THE FAMILY: A FOLLOW-UP	89,841
1P01 AG02921-01A1	CAPLAN, ARNOLD I		EXTRACELLULAR MATRIX AND AGING	326,346
1R01 AM31501-01	ETTENGER, ROBERT B		IMMUNOLOGICAL EFFECT OF TRANSFUSION ON RENAL TRANSPLANTS	109,235
1R01 AI17885-01A1	HEGGIE, ALFRED D		CHLAMYDIAL IMMUNITY IN MOTHERS AND INFANTS	101,863
1R01 HL28641-01	KATONA, PETER G		HEMODYNAMIC EFFECTS ON THE CONTROL OF VENTILATION	50,520
1R01 HL29107-01	KELSEN, STEVEN G		DIAPHRAGM STRUCTURE AND FUNCTION IN HEALTH AND DISEASE	57,606
1R01 GM30373-01	PEARSON, ANTHONY J		STEROID, C-NOR-D-HOMOSTEROID, AND APHIDICOLIN SYNTHESES	88,312
1R01 NS18694-01	ROBBINS, NORMAN		NEUROMUSCULAR SYNAPSE MODIFICATION BY PROTEOLYSIS	53,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1R01 GM30838-01	ROSCOE, DENNIS D	MYOELECTRIC CONTROLLER FOR ORTHOTIC/PROSTHETIC SYSTEMS	74,243
1R23 NS18714-01	SAYRE, LAWRENCE M	SELECTIVE CHEMICAL PROBES FOR MULTIPLE RECEPTOR SYSTEMS	32,467
1R22 AI18523-01A1	STAVITSKY, ABRAM B	IMMUNE REGULATION IN SCHISTOSOMIASIS JAPONICA	63,397
1R01 AM31505-01	TAVILL, ANTHONY S	HEPATOTOXICITY IN A NEW ANIMAL MODEL OF IRON OVERLOAD	96,356
INSTITUTION TOTAL	12	1,143,186	
CLEVELAND CLINIC FOUNDATION			
1R01 HL29585-01	CATHCART, MARTHA K	IMMUNOREGULATION OF IDIOPATHIC PULMONARY FIBROSIS	53,011
1R23 HL29330-01	DICORLETO, PAUL E	PLATELET AND ENDOTHELIAL FACTORS IN VASCULAR CELL GROWTH	35,459
1R01 AM30399-01	FIOCCHI, CLAUDIO	GUT MUCOSAL LYMPHOKINES IN INFLAMMATORY BOWEL DISEASE	38,019
1R01 CA34107-01	FLYNN, ARTHUR	MINERAL ELEMENTS IN THE GENERATION OF CYTOTOXIC T CELLS	42,020
INSTITUTION TOTAL	4	168,509	
CITY TOTAL	16	1,311,695	
COLUMBUS			
OHIO STATE UNIVERSITY			
1R01 HL27905-01	BALXERZAK, STANLEY P	CLINICAL TRIAL OF EXTRACORPOREAL CARBAMYLATION	143,352
1R01 HL29095-01	FRY, DONALD L	TRANSMURAL TRANSPORT IN BLOOD VESSELS	188,180
1R23 NS17080-01A2	HO, RAYMOND H	ONTOGENY AND PLASTICITY OF IDENTIFIED SPINAL SYSTEMS	33,296
1R01 GM29353-01A1	KLAPPER, MICHAEL H	CHYMOTRYPSIN DEACYLATION--AN IN-DEPTH STUDY	75,634
1R01 CA33213-01	MALARKEY, WILLIAM B	PROLACTINOMAS: IN VIVO AND IN VITRO STUDIES	45,699
1R01 CA33449-01	RINEHART, JOHN J	LIPOSOME-MACROPHAGE ACTIVATING FACTOR FOR CLINICAL USE	79,355
1R01 GM29041-01A1	TSAI, MING-DAW	17 O AND 31P NMR OF BIOPHOSPHATES	49,597
1R01 NS18650-01	WHITACRE, CAROLINE C	EFFECTOR MECHANISMS IN ALLERGIC ENCEPHALOMYELITIS	61,711
1R01 CA31447-01A1	ZWILLING, BRUCE S	PROSTAGLANDIN CONTROL OF MACROPHAGE ANTITUMOR ACTIVITY	69,903
INSTITUTION TOTAL	9	746,727	
CITY TOTAL	9	746,727	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
1R01 GM31086-01	GARLID, KEITH D	ION TRANSPORT MECHANISMS IN MITOCHONDRIA	86,830
INSTITUTION TOTAL	1	86,830	
CITY TOTAL	1	86,830	
STATE TOTAL	38	2,955,747	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA				
OKLAHOMA CITY				
OKLAHOMA MEDICAL RESEARCH FOUNDATION				
1R01 AI19884-01	KINCADE, PAUL W		DEVELOPMENTAL DEFECTS AFFECTING HUMORAL IMMUNITY	102,227
INSTITUTION TOTAL	1	102,227		
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER				
1R01 NS18775-01	DE BAULT, LAWRENCE E		VASCULAR ENDOTHELIUM FORM AND FUNCTION: EFFECTS OF GLIA	60,969
1R01 HL28057-01	DORMER, KENNETH J		EXERCISE AND ALCOHOL CARDIOVASCULAR DYNAMICS	50,673
1R01 AI19304-01	FERRETTI, JOSEPH J		DETERMINANTS OF VIRULENCE IN GROUP A STREPTOCOCCI	68,880
1R03 AG03642-01	RIKANS, LORA E		AGING AND HEPATOTOXICITY	14,400
INSTITUTION TOTAL	4	194,922		
CITY TOTAL	5	297,149		
TULSA				
ORAL ROBERTS UNIVERSITY				
1R01 EY03838-01A1	ROSS, CHARLES D		ACETYLCHOLINE MICROCHEMISTRY OF THE VISUAL SYSTEM	43,175
INSTITUTION TOTAL	1	43,175		
CITY TOTAL	1	43,175		
STATE TOTAL	6	340,324		
OREGON				
CORVALLIS				
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY				
1R01 NS18681-01	BROWNELL, PHILIP H		NEUROENDOCRINE MECHANISMS OF BEHAVIOR	69,588
1R23 ES03139-01	CURTIS, LAWRENCE R		ORGANIC ANION TRANSPORT AT THE BILE CANALICULUS	36,591
1R01 AI19192-01	FEYEREISEN, RENE		ONTOGENESIS OF INSECT POLYSUBSTRATE MONOOXYGENASES	67,352
1R01 HL29233-01	HARD, ROBERT P		LUNG MUCOCILIARY MODELS: CONTROL OF BEAT FREQUENCY	96,479
INSTITUTION TOTAL	4	270,010		
CITY TOTAL	4	270,010		
EUGENE				
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON				
1R01 EY04050-01A1	GORDON-LICKEY, BARBARA		6-OHDA: PROTECTION AGAINST MONOCULAR DEPRIVATION	82,271
1S10 RR01415-01	GRIFFITH, O HAYES		ELECTRON SPIN RESONANCE STUDIES	175,100
1R01 GM28744-01A1	HAGUE, DONALD R		REGULATION OF SYNTHESIS OF CO2-FIXING ENZYMES OF MAIZE	42,149
1R01 HL29547-01	LICHTENSTEIN, EDWARD		PSYCHOSOCIAL STRESS, SOCIAL SUPPORT, & SMOKING CESSATION	48,983
INSTITUTION TOTAL	4	348,503		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	4	348,503	
OREGON			
PORTLAND			
MEDICAL RESEARCH FOUNDATION OF OREGON			
1R01 HD16631-01	SPIES, HAROLD G	NEURAL INFLUENCE ON HYPOPHYSEAL-GONADAL FUNCTION	122,510
INSTITUTION TOTAL	1	122,510	
OREGON DEPARTMENT OF HUMAN RESOURCES--HEALTH DIVISION			
1R01 HL29074-01	ILLINGWORTH, D ROGER	LIPID METABOLISM AND THERAPY OF HYPERCHOLESTEROLEMIA	65,947
INSTITUTION TOTAL	1	65,947	
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1R01 HD17429-01	ACOTT, TED S	MOTILITY OF MATURE SPERM: MECHANISM OF INITIATION	53,806
1R23 HD15619-01A1	HATTON, DANIEL C	STRESS AND CARDIOVASCULAR FUNCTION DURING PREGNANCY	35,479
1S10 RR01482-01	MASON, HOWARD S	SHARED EPR INSTRUMENTATION	181,000
1R01 HD16793-01	RONNEKLEIV, OLINE K	HYPOTHALAMIC REGULATION OF THE PROESTRUS PROLACTIN SURGE	47,760
1R03 DE06295-01	THOMPSON, MARTHA E	DYNAMICS OF THYROTROPIN AND GROWTH HORMONE SECRETION	15,000
1R01 HL29324-01	THORNBURG, KENT L	RESPIRATION AND PERINATAL VENTRICULAR OUTPUT	63,058
1R01 AM26896-01A2	YASUDA, NAOKI	DELINEATION OF HYPOTHALAMIC HYPOPHYSIOTHROPHIC FACTORS	66,403
INSTITUTION TOTAL	7	462,506	
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY			
1R01 HD16640-01	TULJAPURKAR, SHRIPAD D	PREDICTION IN CLASSICAL AND STOCHASTIC DEMOGRAPHY	24,201
INSTITUTION TOTAL	1	24,201	
CITY TOTAL	10	675,164	
STATE TOTAL	18	1,293,677	
PENNSYLVANIA			
BETHLEHEM			
LEHIGH UNIVERSITY			
1R23 CA31426-01A1	FOSTER, NATALIE T	DELINEATION OF TUMORS BY RADIOLABELED PROPHYRINS	33,010
INSTITUTION TOTAL	1	33,010	
CITY TOTAL	1	33,010	
BRYN MAWR			
BRYN MAWR COLLEGE			
1R01 HL28971-01	TWAROG, BETTY M	REGULATION OF CONTRACTILITY IN VASCULAR SMOOTH MUSCLE	82,342

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	82,342	
CITY TOTAL	1	82,342	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1R23 AM31519-01	LUM, CALIANN T	ALTERING PURINE METABOLISM TO TREAT CELLULAR REJECTION	33,415
1R01 HL27437-01A1	MC INERNEY, JOSEPH J	DYNAMIC RADIOGRAPHIC ASSESSMENT OF MYOCARDIAL FUNCTION	98,351
1R23 HL29347-01	WARD, ROBERT M	HISTAMINE RECEPTORS IN NEWBORN PULMONARY HYPERTENSION	33,589
1R01 AM31176-01	WASSNER, STEVEN J	INSULIN RESISTANCE AND MUSCLE PROTEIN TURNOVER IN UREMIA	57,569
INSTITUTION TOTAL	4	222,924	
CITY TOTAL	4	222,924	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
1R03 EY04499-01	GILBERT, ALFRED	RETINOBLASTOMA AND GENE AMPLIFICATION	8,400
1R01 CA33324-01	HENLE, WERNER	EBV SEROLOGY IN HUMAN CANCERS AND IMMUNE DEFICIENCIES	121,530
INSTITUTION TOTAL	2	129,930	
GRADUATE HOSPITAL			
1R01 HL28116-01	STEIN, THOMAS P	PARENTERAL NUTRITION AND LUNG METABOLISM	65,814
INSTITUTION TOTAL	1	65,814	
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
1R01 CA32912-01	BURNS, H DONALD	RECEPTOR SPECIFIC TECHNETIUM COMPLEXES FOR TUMOR IMAGING	34,848
1R01 GM31704-01	JORNS, MARILYN S	FLAVOENZYME MECHANISMS: REDOX AND NON-REDOX REACTIONS	48,455
INSTITUTION TOTAL	2	83,303	
INSTITUTE FOR CANCER RESEARCH			
1R01 GM31186-01	MARKHAM, GEORGE D	ENZYMATIC MECHANISMS OF SULFUR-NUCLEOSIDE BIOSYNTHESIS	55,284
1R01 AI18641-01A1	MASON, WILLIAM S	HEPATITIS B-LIKE VIRUS	55,392
INSTITUTION TOTAL	2	110,676	
PHILADELPHIA GERIATRIC CENTER-FRIEDMAN HOSPITAL OF HOME FOR JEWISH AGED			
1R23 AG03509-01	RUBINSTEIN, ROBERT	THE MEANING AND FUNCTION OF HOME FOR THE ELDERLY	28,152
INSTITUTION TOTAL	1	28,152	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
TEMPLE UNIVERSITY			
1R01 DE05766-01A1	ALEO, JOSEPH J	PERIODONTAL DISEASE AND DIABETES: EFFECT OF ENDOTOXIN	54,766
1R01 ES02935-01	DUKER, NAHUM J	MOLECULAR BASIS FOR INHIBITION OF DNA REPAIR INITIATION	59,323
1R01 EY04366-01	GRUBERG, EDWARD R	STUDIES ON THE VISUAL INPUTS TO THE OPTIC TECTUM	40,471
1R23 HL29282-01	SCHICK, BARBARA P	MEGAKARYOCYTE LIPIDS	36,375
INSTITUTION TOTAL	4	190,935	
THOMAS JEFFERSON UNIVERSITY			
1R01 AM32064-01	LOWENSTEIN, LEAH M	REGULATION OF RENAL COMPENSATORY ADAPTATION	162,455
1R01 HL27578-01A1	MANSMANN, HERBERT C, JR	DISPOSITION OF THEOPHYLINE IN ASTHMATIC CHILDREN	47,637
INSTITUTION TOTAL	2	210,092	
UNIVERSITY CITY SCIENCE CENTER			
1R01 AM30325-01A1	CLARK, CHARLES C	GLYCOSYLATION OF INTERSTITIAL PROCOLLAGENS	67,791
1R01 HL29492-01	KEFALIDES, NICHOLAS A	MATRIX SYNTHESIS BY BLOOD VESSEL CELLS	114,329
INSTITUTION TOTAL	2	182,120	
UNIVERSITY OF PENNSYLVANIA			
1R23 CA32733-01	ABRAHM, JANET L	MODULATION OF NORMAL AND ABNORMAL HUMAN MYELOPOIESIS	35,217
1R23 HL29018-01	BRASS, LAWRENCE F	CALCIUM MOVEMENT DURING PLATELET ACTIVATION	34,160
1R18 CA29712-01A1	CASSILETH, BARRIE R	PSYCHOSOCIAL CORRELATES OF SURVIVAL	56,647
1R01 CA31147-01	CASSILETH, BARRIE R	ALTERNATE CANCER TREATMENT: ACTIVE NON-COMPLIANCE	49,278
1R01 HL29457-01	CHRISTNER, PAUL J	INTERACTION OF VESSEL ELASTIN WITH THE BLOOD	49,766
1R01 HL28272-01A1	DAVIES, HELEN C	HEART MUSCLE AND BACTERIAL RESPIRATORY CHAIN SYSTEMS	78,032
1R01 AI19150-01	FARRELL, JAY P	AMERICAN VISCERAL LEISHMANIASIS IN DOMESTIC ANIMALS	68,417
1R01 CA34231-01	FERRER, JORGE F	STUDIES ON A HIGH INCIDENCE LEUKEMIA HERD OF CATTLE	71,851
1R01 HD16899-01	FULLER, ELLEN O	EFFECT OF PREGNANCY-INDUCED GROWTH ON THE UTERINE ARTERY	71,767
1P41 RR01348-01	HOCHSTRASSER, ROBIN M	ULTRAFAST OPTICAL PROCESSES LABORATORY	370,306
1R01 HL28093-01A1	JOSEPHSON, MARK E	VENTRICULAR TACHYCARDIA: ELECTROPHYSIOLOGIC SUBSTRATES	69,141
1R01 HD15985-01A1	LASH, JAMES W	EXTRACELLULAR MATRIX AND MORPHOGENETIC MECHANISMS	83,677
1R01 NS18616-01	LEE, VIRGINIA M	NEUROFILAMENTS IN NORMAL & NEOPLASTIC NEURONS	52,334
1R01 HL29329-01	MORAD, MARTIN	LASER SCANNING OF NORMAL AND ARRHYTHMIC CARDIAC IMPULSES	152,645
1R01 GM30814-01	MURRAY, JOHN M	STUDY OF MEMBRANE-CYTOSKELETON COMPLEXES	82,867
1R01 GM31697-01	ONORATO-SHOWE, LOUISE C	GENE REARRANGEMENTS/THE GENERATION OF ANTIBODY DIVERSITY	36,926
1R01 EY04638-01	PALMER, LARRY A	FUNCTIONAL ORGANIZATION OF THE RECEPTIVE FIELD	78,462
1R01 HD16751-01	POLLAK, ROBERT A	FAMILY EFFECTS ON CHILD DEVELOPMENT	49,097
1R01 HD16293-01	ROSENWAIKE, IRA	MORTALITY BY ETHNICITY IN U.S. URBAN AREAS	39,524
1R23 DE06014-01	SHENKER, BRUCE J	BACTERIA AND LYMPHOCYTE SUPPRESSION IN PERIODONTITIS	35,295
1R01 GM31155-01	WOLFE, BARRY B	REGULATION OF MUSCARINIC CHOLINERGIC RECEPTORS	61,719
INSTITUTION TOTAL	21	1,627,128	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
WILLS EYE HOSPITAL AND RESEARCH INSTITUTE			
1R01 EY04125-01	FELBERG, NORMAN T	UVEAL MELANOMA: IMMUNOLOGIC STUDIES	82,088
INSTITUTION TOTAL	1	82,088	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 CA29894-01A1	ANDREWS, PETER W	HUMAN TERATOCARCINOMA-DERIVED CELL LINES	69,744
1R01 CA33403-01	DIGIOVANNI, JOHN	MECHANISM OF MOUSE SKIN TUMOR PROMOTION BY CHRYSAROBIN	24,646
1R01 GM31060-01	NISHIKURA, KAZUKO	ROLE OF RNA PROCESSING IN CELL DIFFERENTIATION	80,000
1R01 CA32952-01	ROSS, ALONZO H	PHOSPHOTYROSINE AND THE CONTROL OF CELL GROWTH	55,673
1R01 CA32898-01	TRINCHIERI, GIORGIO	DIFFERENTIATION AND FUNCTION OF HUMAN MONOCYTES	
INSTITUTION TOTAL	5	230,063	
CITY TOTAL	43	2,940,301	
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
1R01 HL29409-01	LLINAS, MIGUEL	NMR STUDIES ON PLASMINOGEN: STRUCTURE AND DYNAMICS	62,323
1R01 HD16945-01	SOPHIAN, CATHERINE H	EARLY DEVELOPMENT IN SPATIAL COGNITION	38,106
1R01 CA32940-01	WILLIAMS, JAMES F	STUDY OF ADENOVIRUS TRANSFORMATION--DEFECTIVE MUTANTS	70,801
INSTITUTION TOTAL	3	171,230	
CHILDREN'S HOSPITAL OF PITTSBURGH			
1R01 AI19262-01	FIREMAN, PHILIP	IMMUNE MECHANISMS OF MIDDLE EAR DISEASE	108,451
INSTITUTION TOTAL	1	108,451	
EYE AND EAR HOSPITAL OF PITTSBURGH			
1R01 EY04395-01	BURNS, STEPHEN A	INVESTIGATIONS OF CONE PIGMENT KINETICS	47,826
INSTITUTION TOTAL	1	47,826	
MAGEE-WOMEN'S HOSPITAL			
1R01 HD16842-01	ZELEZNIK, ANTHONY J	REGULATION OF THE PRIMATE CORPUS LUTEUM	55,086
INSTITUTION TOTAL	1	55,086	
MONTEFIORE HOSPITAL			
1R23 CA33127-01	MANGAN, KENNETH F	REGULATION OF ERYTHROPOIESIS IN B LYMPHOCYTE NEOPLASMS	35,014
INSTITUTION TOTAL	1	35,014	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
1R01 AM31577-01	EAGON, PATRICIA K	ROLE OF A MALE-SPECIFIC HEPATIC ESTROGEN BINDING PROTEIN	67,898
1R01 AM31357-01	GLEW, ROBERT H	BETA-GLUCOSIDASES IN GAUCHER DISEASE	67,704
1R26 CA31784-01	HAKALA, THOMAS R	MONOCLONAL ANTIBODIES TO BLADDER TUMOR ANTIGENS	101,230
1R01 GM31685-01	KHAN, SALEEM A	PLASMID PT181 DNA REPLICATION IN STAPHYLOCOCCUS AUREUS	73,501
1R01 HD16851-01	PLANT, TONY M	TESTICULAR CONTROL OF LH AND FSH SECRETION	66,586
1R23 HD15525-01A1	WOLFSON, ADELE J	FORMATION AND TRANSFORMATION OF 8S PROGESTERONE RECEPTOR	35,211
INSTITUTION TOTAL	6	412,130	
CITY TOTAL	13	829,737	
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1R01 HD15496-01A1	BELSKY, JAY	MARRIAGE, PARENTING AND INFANT DEVELOPMENT	68,819
1R01 GM30743-01	DE SHONG, PHILIP R	NITRONE CYCLOADDITIONS/THE SYNTHESIS OF AMINO SUGARS	75,065
1S10 RR01445-01	TODD, PAUL W	MULTI-USER CELL SORTER FOR BIOMEDICAL RESEARCH	154,600
INSTITUTION TOTAL	3	298,484	
CITY TOTAL	3	298,484	
STATE TOTAL	65	4,406,798	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
1R13 CA33602-01	BERTINO, JOSEPH R	CHEMOTHERAPY OF EXPERIMENTAL & CLINICAL CANCER	6,690
1R13 CA33424-01	BLACK, PAUL H	GORDON RESEARCH CONFERENCE ON CANCER, 1982	13,500
1R13 GM31250-01	BOTSTEIN, DAVID	GORDON CONFERENCE ON BIOLOGICAL REGULATORY MECHANISMS	5,660
1R13 AI19063-01	CRUICKSHANK, ALEXANDER M	GORDON CONFERENCE ON MICROBIAL TOXINS AND PATHOGENESIS	14,000
1R13 AI19092-01	HAMKALO, BARBARA A	GORDON CONFERENCE ON ANIMAL CELLS AND VIRUSES	3,000
1R13 AM31244-01	MCDONALD, JOHN A	GORDON RESEARCH CONFERENCE ON FIBRONECTIN	10,400
1R13 GM31095-01	ROEDER, ROBERT G	1982 GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS	7,000
1R13 HL28962-01	SCHWARTZ, ARNOLD	GORDON CONFERENCE ON CARDIAC GLYCOSIDES	16,057
1R13 GM30792-01	SILVERSTEIN, SAMUEL C	LYSOSOMES IN THE REGULATION OF CYTOPLASMIC FUNCTION	7,000
INSTITUTION TOTAL	9	83,307	
UNIVERSITY OF RHODE ISLAND			
1R13 AM30981-01	BAXTER, JOHN D	GORDON RESEARCH CONFERENCE ON HORMONE ACTION	20,693
INSTITUTION TOTAL	1	20,693	
CITY TOTAL	10	104,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND				
PROVIDENCE				
BROWN UNIVERSITY				
1R01 GM31074-01	DEGNAN, KEVIN J		PHYSIOLOGY OF CHLORIDE SECRETION	70,961
1R01 CA32980-01	SHANK, PETER R		STABILITY AND DISEASE TROPISMS OF PROVIRAL DNAS	61,743
INSTITUTION TOTAL	2	132,704		
RHODE ISLAND COLLEGE				
1R01 GM31964-01	MATSUMOTO, LLOYD H		THE REPLICATION OF BOVINE SATELLITE DNA	74,640
INSTITUTION TOTAL	1	74,640		
CITY TOTAL	3	207,344		
WEST WARWICK				
SCOTT LABORATORIES, INC.				
1R01 CA34187-01	CHEE, DARWIN O		MONOCLONAL ANTIBODIES IN DIAGNOSIS & PROGNOSIS OF CANCER	75,572
INSTITUTION TOTAL	1	75,572		
CITY TOTAL	1	75,572		
STATE TOTAL	14	386,916		
SOUTH CAROLINA				
CHARLESTON				
MEDICAL UNIVERSITY OF SOUTH CAROLINA				
1R01 HL29397-01	CHAO, JULIE		BIOCHEMISTRY AND REGULATION OF RENAL KALLIKREIN	52,700
1R23 HD16676-01	CHILTON, BEVERLY S		MECHANISM(S) OF ESTROGEN ACTION IN THE ENDOCERVIX	35,931
1R01 AM31283-01	MARICQ, HILDEGARD R		EPIDEMIOLOGY OF RAYNAUD PHENOMENON	200,994
INSTITUTION TOTAL	3	289,625		
CITY TOTAL	3	289,625		
COLUMBIA				
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA				
1R01 ES02836-01	ODOM, JEROME D		SELENIUM,-77 NMR STUDIES OF BIOCHEMICAL SYSTEMS	61,254
1R01 AM30370-01A1	RAMASWAMY, KRISHNAMURTHY		MECHANISMS OF INTESTINAL TRANSPORT OF PEPTIDES	41,986
1R01 AI16856-01A2	SODETZ, JAMES M		STRUCTURE AND FUNCTION OF TERMINAL COMPLEMENT PROTEINS	67,670
INSTITUTION TOTAL	3	170,910		
CITY TOTAL	3	170,910		
STATE TOTAL	6	460,535		

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH DAKOTA			
VERMILLION			
UNIVERSITY OF SOUTH DAKOTA			
1R23 HD16665-01	HUBBARD, CHRISTOPHER J	THE EFFECTS OF CYCLIC GMP ON OOCYTE DEVELOPMENT	29,664
INSTITUTION TOTAL	1	29,664	
CITY TOTAL	1	29,664	
STATE TOTAL	1	29,664	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
1R01 HD16978-01	HANDEL, MARY A	MALE STERILE MOUSE MUTANTS: SPERM STRUCTURE & FUNCTION	59,004
1R01 GM29429-01	OLINS, ADA L	CHROMATIN STRUCTURE	55,310
1R01 AM29888-01A1	WELCH, HUGH G	ACID-BASE BALANCE AS A LIMITING FACTOR IN MUSCULAR WORK	39,653
1R01 HD16857-01	WIMALASENA, JAYANTHA	A MOLECULAR APPROACH TO GONADOTROPIN RECEPTOR REGULATION	59,856
INSTITUTION TOTAL	4	213,823	
CITY TOTAL	4	213,823	
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1R13 AI19097-01	ADLER, LOUISE T	WORKSHOP ON IMMUNOGENETICS AND IMMUNOBIOLOGY	8,500
1R01 CA34105-01	BROWN, ALAN R	IMMUNOREGULATION: IDIOTYPE NETWORKS & CLONAL DOMINANCE	55,693
1R01 CA33017-01	FRIDLAND, ARNOLD	ARABINONUCLEOSIDE ACTIVATION IN HUMAN LEUKEMIA CELLS	61,459
1R13 AI19076-01	WEBSTER, ROBERT G	WORKSHOP ON THE ORIGIN OF PANDEMIC INFLUENZA VIRUSES	8,000
INSTITUTION TOTAL	4	133,652	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
1S10 RR01400-01	BEACHEY, EDWIN H	AUTOMATED PEPTIDE SYNTHESIZER SYSTEM	83,768
1R01 HL30260-01	BUSIJA, DAVID W	EFFECTS OF PROSTAGLANDINS ON CEREBRAL BLOOD FLOW	56,996
1R23 AI19449-01	CHRISTENSEN, GORDON D	STAPHYLOCOCCUS ADHERENCE TO INDWELLING MEDICAL DEVICES	34,714
1R01 HL29364-01	NISHIMURA, HIROKO	RENAL FUNCTION IN BIRDS: A UNIQUE TRANSITIONAL MODEL	61,145
1R23 EY04086-01	TUBERVILLE, AUDREY W	INTRAOCULAR IMPLANT ASSOCIATED UVEITIS	35,985
1R01 HL27926-01	WHITE, RICHARD P	ANALYSIS OF THROMBIN - INDUCED VASOCONSTRICTION	49,863
INSTITUTION TOTAL	6	322,471	
CITY TOTAL	10	456,123	
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
1R22 AI19759-01	PATEL, PARSOTTAM J	HOST-PARASITE INTERACTIONS IN MURINE LEPROSY	48,798

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE				
NASHVILLE				
MEHARRY MEDICAL COLLEGE				
1R01 AM32331-01	SANDER, LINDA D		EFFECT OF GI HORMONES ON PITUITARY-ADRENAL FUNCTION	43,328
1R03 EY04544-01	STONE, WILLIAM L		BIOCHEMICAL ASPECTS OF RETINAL TOXICOLOGY	15,000
INSTITUTION TOTAL	3	107,126		
VANDERBILT UNIVERSITY				
1R01 CA31698-01A1	DUPONT, WILLIAM D		EPIDEMIOLOGY OF BREAST CANCER RISK AFTER FIBROADENOMA	114,152
1R01 NS18103-01	FREEMAN, JOHN A		GROWTH-ASSOCIATED PROTEINS AND NEURONAL REGENERATION	83,500
1R01 GM31178-01	HARALSON, MICHAEL A		THE BIOSYNTHESIS AND REGULATION OF TYPE V PROCOLLAGEN	63,421
1R01 HL28145-01A1	LEQUIRE, VIRGIL S		HORMONAL REGULATION OF SURFACTANT PRODUCTION	62,800
1R01 GM30953-01	WATTERSON, DANIEL M		CA2+ DEPENDENT PROTEIN PHOSPHORYLATION: MOLECULAR BASIS	58,897
INSTITUTION TOTAL	5	382,770		
CITY TOTAL	8	489,896		
OAK RIDGE				
UNION CARBIDE CORPORATION--OAK RIDGE NATIONAL LABORATORY				
1R01 CA31721-01	MITRA, SANKAR		DNA REPAIR AND NITROSAMINE-INDUCED CARCINOGENESIS	68,618
INSTITUTION TOTAL	1	68,618		
CITY TOTAL	1	68,618		
STATE TOTAL	23	1,228,460		
TEXAS				
AUSTIN				
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN				
1R01 HD16837-01	GALLE, OMER R		SELECTED CONSEQUENCES OF POPULATION STABILITY AND CHANGE	65,707
1R01 GM29972-01A1	GILBERT, JOHN C		DEVELOPMENT OF A BIOMIMETIC APPROACH TO TRICHOTHECENES	61,470
INSTITUTION TOTAL	2	127,177		
CITY TOTAL	2	127,177		
COLLEGE STATION				
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION				
1R01 CA33531-01	GROSS, DAVID R		CAVITATION BIOEFFECTS OF IN VIVO ULTRASONIC IRRADIATION	121,852
1R01 CA32695-01	PETERSON, DAVID O		GENETIC AND MOLECULAR ANALYSIS OF STEROID RESPONSIVENESS	77,564
1R01 GM30911-01	PETTIGREW, DONALD W		ASSEMBLY AND CATALYSIS IN REGULATORY ENZYMES	52,527
1R01 ES02937-01	SAFE, STEPHEN H		TOXIC HALOGENATED WASTES: IN VITRO BIOASSAY DEVELOPMENT	31,236

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1R01 AI19312-01	STRUCK, DOUGLAS K	MEMBRANE PROTEIN INSERTION VIA VESICLE-CELL FUSION	60,708
INSTITUTION TOTAL	5	343,887	
CITY TOTAL	5	343,887	
DALLAS			
SOUTHERN METHODIST UNIVERSITY			
1R01 HL29336-01	LANDMAN, KERRY A	A CONTINUUM APPROACH TO RED BLOOD CELL TRANSFORMATIONS	8,148
INSTITUTION TOTAL	1	8,148	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
1R01 NS17683-01A1	BOTTERMAN, BARRY R	SEGMENTAL MOTOR CONTROL OF THE FORELIMB	48,005
1R01 AI18922-01	CAPRA, J DONALD	PRIMARY STRUCTURAL ANALYSIS OF HUMAN DR ANTIGENS	83,674
1R01 AI18499-01A1	CAPRA, J DONALD	NUCLEIC ACID STUDIES OF ANTI-ARSONATE HYBRIDOMAS	65,626
1R01 CA32895-01	HENDLER, FREDDY J	MONOCLONAL ANTIBODY TO HORMONE DEPENDENT BREAST CANCER	127,560
1R23 HL29053-01	IWAMOTO, GARY A	CARDIOVASCULAR EXERCISE RESPONSES--BRAINSTEM CONTROL	35,846
1R24 RR01311-01A1	LU, YUE-SHOUNG	A LIVE VACCINE TO CONTROL PASTEURELLOSIS	66,500
1R01 AG02260-01A2	NEAVES, WILLIAM B	BIOLOGY OF THE AGING HUMAN TESTIS	58,977
1R23 CA33920-01	ROSENSTEIN, BARRY S	REPAIR OF 290-320 NM INDUCED NON-DIMER DNA DAMAGE	35,605
1R01 EY04062-01	SREBRO, RICHARD	ABNORMAL FIXATION AND VISUAL FUNCTION IN AMBLYOPIA	71,098
1R01 HL29546-01	STEIN-STREILEIN, JOAN	PULMONARY INTERSTITIAL DISEASE INDUCED BY HAPTENS	60,589
1R01 HL29543-01	TOEWS, GALEN B	IMMUNOREGULATORY ROLE OF HUMAN ALVEOLAR MACROPHAGES	61,239
1S10 RR01451-01	UHR, JONATHAN W	MULTI PARAMETER CELL ANALYZER AND SORTER	225,000
INSTITUTION TOTAL	12	939,719	
CITY TOTAL	13	947,867	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
1R23 HL29169-01	FISHER, JOHN T	PROPERTIES OF RESPIRATORY VAGAL AFFERENTS IN THE NEWBORN	35,405
1R01 AI18067-01A1	GUCKIAN, JAMES C	OPSONOPHAGOCYTIC HOST DEFENSES IN PNEUMOCOCCAL INFECTION	53,933
1R23 CA32938-01	GUPTA, VICRAM	EFFECT OF PHYSIOLOGICAL OXYGEN LEVELS ON TUMOR THERAPY	36,100
1R01 HL27116-01A1	KUNZE, DIANA L	MODULATORS OF BARORECEPTOR ACTIVITY AND REFLEXES	21,861
1R01 NS18708-01	PEREZ-POLO, J REGINO	CHARACTERIZATION OF NEURONOTROPHIC FACTORS	72,872
1R01 AI18401-01A1	PETERSON, JOHNNY W	VIRULENCE FACTORS IN THE PATHOGENESIS OF SALMONELLOSIS	52,867
1R01 CA32718-01	TOWNSEND, COURTNEY M, JR	GI HORMONES--NEW STRATEGY IN SURGICAL ONCOLOGY	56,485
INSTITUTION TOTAL	7	329,523	
CITY TOTAL	7	329,523	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1R01 NS17876-01A1	BURSZTAJN, SHERRY	TRANSPORT OF ACETYLCHOLINE RECEPTOR IN MYOTUBES	52,812
1R01 CA33369-01	BUTEL, JANET S	TUMOR PROMOTION AND MURINE MAMMARY CANCER	87,807
1R01 AM31428-01	CASKEY, CHARLES T	GENETIC ALTERATIONS IN LESCH-NYHAN DISEASE	73,583
1R03 EY04495-01	DUNKEL, EDMUND C	RECURRENT OCULAR HERPES	14,477
1R01 HL29542-01	LAWRENCE, E CLINTON	ASBESTOS EFFECTS OF HUMAN ALVEOLAR MACROPHAGE FUNCTIONS	68,870
1R01 HL27104-01A1	MANTULIN, WILLIAM W	DYNAMICS OF HUMAN PLASMA APOLIPOPROTEINS	46,607
1R01 HL30186-01	MC MILLAN-WOOD, JEANIE B	CARNITINE TRANSPORT IN NATURAL AND ARTIFICIAL MEMBRANES	50,850
1R01 HL30064-01	SPARROW, JAMES T	STUDIES OF SERUM LIPOPROTEIN	62,179
1R01 GM29496-01A1	TASH, JOSEPH S	PROTEIN PHOSPHORYLATION IN SPERM FLAGELLAR MOTILITY	75,856
1R26 CA32387-01	TINDALL, DONALD J	ANDROGEN RECEPTORS IN CANCEROUS PROSTATIC TISSUE	53,725
1R01 ES02997-01	TRKULA, DAVID	THE ROLE OF HERPESVIRUS THYMIDINE KINASE IN MUTAGENESIS	57,596
1R01 CA34110-01	TWOMEY, JEREMIAH J	FUNCTIONS OF CLONALLY DERIVED HUMAN MONOCYTES	62,676
INSTITUTION TOTAL	12	707,038	
RICE UNIVERSITY			
1R01 GM28451-01A1	WILSON, LON J	MAGNETIC AND MODELING STUDIES OF CYTOCHROME OXIDASE	66,138
INSTITUTION TOTAL	1	66,138	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON AT HOUSTON			
1R01 AM30577-01A1	EICHBERG, JOSEPH	PHOSPHOLIPID METABOLISM IN DIABETIC NEUROPATHY	65,272
1R01 CA31634-01	KIMBALL, AUBREY P	ANTICANCER MECHANISMS OF DEOXYADENOSINE AND DIGLYCOLS	44,057
1R01 GM29442-01A1	NELSON, DANIEL A	ROLE OF HISTONE ACETYLATION IN GENE EXPRESSION	67,850
1R03 EY04509-01	WHITE, JANIS M	FIXATION IN BILATERAL MACULAR DISEASE	9,543
INSTITUTION TOTAL	4	186,722	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1R01 AM30471-01A1	DAIGER, STEPHEN P	RESTRICTION SITE POLYMORPHISMS IN HUMAN DNA	60,379
1R01 AM30511-01A1	HADDOX, MARI K	NUCLEAR POLYAMINE CONJUGATES IN LIVER GROWTH	64,029
1R01 CA32444-01	HADDOX, MARI K	MECHANISM OF RETINOID INHIBITION OF CELL PROLIFERATION	81,982
1R01 GM30998-01	LI, WEN-HSIUNG	STATISTICAL STUDIES OF DNA EVOLUTION	24,564
1R01 AM32379-01	RIFAI, ABDALLA	AN EXPERIMENTAL MODEL FOR IGA NEPHROPATHY	73,127
1R01 GM31191-01	THOMPSON, STEPHEN M	ELECTROPHYSIOLOGY OF PROTON TRANSPORT BY EPITHELIA	49,393
INSTITUTION TOTAL	6	353,474	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1R01 CA32645-01	BODDIE, ARTHUR W	OCCLUSION-HYPERTHERMIA THERAPY OF HEPATIC TUMORS	40,269
1R01 HD16843-01	BROCK, WILLIAM A	NUCLEOPROTEINS IN MAMMALIAN SPERMATOGENESIS	70,525
1R01 CA31479-01A1	FORD, RICHARD J	PROLIFERATION AND DIFFERENTIATION IN HUMAN LYMPHOMA	84,384

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1R01 CA32666-01	NISHIOKA, KENJI	ROLE OF TUFTSIN IN SPLENECTOMIZED HOST	24,677
1R01 CA34890-01	SLAGA, THOMAS J	IN VITRO TRANSFORMATION OF EPIDERMAL CELLS	100,111
INSTITUTION TOTAL	5	319,966	
CITY TOTAL	28	1,633,338	
LUBBOCK			
TEXAS TECH UNIVERSITY			
1R01 CA32715-01	EVERSE, JOHANNES	TUMORICIDAL ACTIVITY OF PEROXIDASES	90,493
1R03 AG03622-01	MARSHALL, PHILIP H	AGE RELATED FACTORS IN ERROR DETECTION AND CORRECTION	14,400
INSTITUTION TOTAL	2	104,893	
CITY TOTAL	2	104,893	
RICHARDSON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS			
1R01 GM29780-01A1	BREEN, GAIL A	MAMMALIAN MUTANTS WITH DEFECTS IN COMPLEX I	75,520
INSTITUTION TOTAL	1	75,520	
CITY TOTAL	1	75,520	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
1P01 HL28972-01	MC GILL, HENRY C	DIET, STRESS, AND GENOTYPE IN PRIMATE ATHEROSCLEROSIS	889,048
1R01 HL29354-01	ROBOTHAM, JAMES L	ETIOLOGY OF BRONCHOPULMONARY DYSPLASIA	253,142
1P40 RR01602-01	VANDEBERG, JOHN L	A LABORATORY MARSUPIAL FOR BIOMEDICAL RESEARCH	45,423
INSTITUTION TOTAL	3	1,187,613	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1R01 AI19142-01	ALDERETE, JOHN F	IMMUNOLOGIC ANALYSIS OF TRICHOMONAS VAGINALIS ANTIGENS	62,790
1R01 HL29368-01	BADKE, FREDERICK R	LEFT VENTRICULAR FORCE-SIZE RELATIONS AT END-SYSTOLE	48,597
1R23 AI19811-01	BOYD, R LEE	ANIMAL MODEL OF PSEUDOMONAS INFECTION IN CYSTIC FIBROSIS	35,944
1R23 HL29144-01	DOLE, WILLIAM P	LOCAL CONTROL OF MYOCARDIAL BLOOD FLOW AND OXYGENATION	36,375
1R01 HL27505-01A1	FRANKS, ROBERT C	ISOLATION AND CHARACTERIZATION OF AMNIOTIC FLUID	42,914
1R01 HL29441-01	KEETON, T KENT	THE NEURAL CONTROL OF RENIN RELEASE IN THE CONSCIOUS RAT	49,194
1R01 CA32927-01	LEVINSON, CHARLES	ANION TRANSPORT IN EHRLICH CARCINOMA CELLS	36,291
1R01 HL28728-01	MASORO, EDWARD J	INFANT NUTRITION AND ADIPOCYTE NUMBER	72,305
1R01 HL29121-01	PINCKARD, ROBERT N	THE ROLE OF COMPLEMENT IN ISCHEMIC MYOCARDIAL INJURY	192,848

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1P01 HL26890-01A1	SCHWARTZ, COLIN J	CELLULAR MECHANISMS IN ATHEROGENESIS	499,827
1R01 AI19896-01	TEAL, JUDY M	B CELL AND REPERTOIRE DEVELOPMENT IN VITRO	58,776
1R01 HD17424-01	THOMAS, VIRGINIA L	IMMUNE RESPONSE IN KIDNEY INFECTION OF PREGNANCY	27,149
1S10 RR01591-01	WEINTRAUB, SUSAN T	MASS SPECTROMETRY FACILITY	200,000
INSTITUTION TOTAL	13	1,363,010	
CITY TOTAL	16	2,550,623	
STATE TOTAL	74	6,112,828	
UTAH			
LOGAN			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY			
1R01 GM30255-01A1	COMINS, DANIEL L	ALKALOID SYNTHESIS VIA 2-ALKENYL-1,2-DIHYDROPYRIDINES	29,828
INSTITUTION TOTAL	1	29,828	
CITY TOTAL	1	29,828	
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R01 HL29209-01	ANDRADE, JOSEPH D	HEMOGLOBIN HYPOTHESIS: HEMOGLOBIN AND POLYMER SURFACES	29,100
1R01 HL28577-01	CHAPMAN, HAROLD A	INTERACTION OF HUMAN ALVEOLAR MACROPHAGES WITH FIBRIN	60,425
1R01 CA33065-01	DAYNES, RAYMOND A	IMMUNOBIOLOGY OF UVL-INDUCED TUMORS	65,785
1R01 AI19094-01	HILL, HARRY R	CHEMOTACTIC MECHANISMS IN NEONATAL BACTERIAL INFECTION	51,288
1R01 CA32876-01	NELSON, JAMES A	RADIOGRAPHIC CONTRAST--CYTOTOXIC AND MUTAGENIC STUDIES	94,637
1R01 AM31371-01	RIKKERS, LAYTON F	VARICEAL HEMORRHAGE: SHUNT OPERATIONS VS SCLEROTHERAPY	126,886
1R23 AM31119-01	ZALEWSKY, CHARLOTTE A	MUCUS SECRETION IN GASTRIC EPITHELIUM	34,498
INSTITUTION TOTAL	7	462,619	
CITY TOTAL	7	462,619	
STATE TOTAL	8	492,447	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1R01 AM31533-01	CRAIGHEAD, JOHN E	ROLE OF T LYMPHOCYTES IN INSULIN DEPENDENT DIABETES	41,592
1R03 AG03720-01	LENOX, ROBERT H	MUSCARINIC RECEPTOR SUBTYPES: TOOLS FOR AGING RESEARCH	14,393
1R01 CA33501-01	MOSSMAN, BROOKE T	ROLE OF MINERALS AS COFACTORS IN BRONCHOGENIC CARCINOMA	73,729
INSTITUTION TOTAL	3	129,714	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	129,714	
STATE TOTAL	3	129,714	
VIRGINIA			
BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
1R01 HD16883-01	LIN, YOUNG C	HORMONAL CONTROL OF TESTIS	47,996
INSTITUTION TOTAL	1	47,996	
CITY TOTAL	1	47,996	
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R01 GM31289-01	FOX, JAY W	CHARACTERIZATION & INHIBITION OF SNAKE HEMORRHAGIC TOXIN	35,900
1R01 CA32693-01	HARRINGTON, DAVID P	NONPARAMETRIC STATISTICAL TESTS FOR CENSORED CANCER DATA	21,121
1R13 NS18487-01	JANE, JOHN A	TRAUMA CENTERS ACCOMPLISHMENTS AND FUTURE DIRECTIONS	6,127
1R23 NS18607-01	KIM, YONG I	EXPERIMENTAL STUDIES OF THE EATON-LAMBERT SYNDROME	30,000
1R23 GM31144-01	LYNCH, CARL, III	CALCIUM CURRENT DEPRESSION BY VOLATILE ANESTHETICS	28,126
1R23 HL28118-01A1	ROSE, CHARLES E, JR	RENAL DYSFUNCTION IN RESPIRATORY FAILURE	34,049
1R01 GM31184-01	SANDO, JULIANNE J	CELLULAR MECHANISM OF ACTION OF PHORBOL ESTER PROMOTERS	54,171
1R01 CA32995-01	THOMAS, CHRISTOPHER Y	MOLECULAR GENETICS OF LEUKEMIA VIRUSES OF INBRED MICE	75,731
1R01 HD14366-01A1	TURNER, TERRY T	STUDIES ON THE EPIDIDYMAL CONTROL OF SPERM MOTILITY	40,075
INSTITUTION TOTAL	9	325,300	
CITY TOTAL	9	325,300	
NORFOLK			
EASTERN VIRGINIA MEDICAL AUTHORITY--EASTERN VIRGINIA MEDICAL SCHOOL			
1R01 HD16862-01	PEPE, GERALD J	UTERINE HORMONE KINETICS/REQUIREMENTS FOR NIDATION	47,709
INSTITUTION TOTAL	1	47,709	
CITY TOTAL	1	47,709	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1R01 AI18644-01A1	FRANSON, RICHARD C	PHOSPHOLIPASES AND PATHOGENICITY OF NAEGLERIA FOWLERI	74,766
1P20 CA32675-01	LAWRENCE, WALTER	EXPLORATORY STUDIES IN SURGICAL ONCOLOGY RESEARCH	75,229
1R01 EY03973-01	MC CLUNG, JOHN R	NEUROMUSCULAR ORGANIZATION IN THE EYE MOVEMENT SYSTEM	53,006
1R01 CA30965-01A1	NEIFELD, JAMES P	NEUROENDOCRINE RESPONSIVENESS OF MELANOMA	67,036
1R01 EY04119-01	STEIN, BARRY E	RESULT OF MODALITY CONVERGENCE IN SUPERIOR COLLICULUS	50,045

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1R01 CA33249-01	YANOVICH, SAUL	ANTHRACYCLINE INTERACTION WITH HETEROGENEOUS CELLS	35,702
INSTITUTION TOTAL	6	355,784	
CITY TOTAL	6	355,784	
STATE TOTAL	17	776,789	
WASHINGTON			
PULLMAN			
WASHINGTON STATE UNIVERSITY			
1R01 CA33503-01	PALL, MARTIN L	TANDEM GENE DUPLICATION AND CARCINOGEN SCREENING	41,443
INSTITUTION TOTAL	1	41,443	
CITY TOTAL	1	41,443	
SEATTLE			
BATTELLE MEMORIAL INSTITUTE			
1R01 HD16825-01	MC LAUGHLIN, STEVEN D	CHANGES IN THE PROPENSITY TO LIVE ALONE	50,354
INSTITUTION TOTAL	1	50,354	
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R01 CA33477-01	BERNSTEIN, IRWIN D	MONOCLONAL ANTIBODY IN ANIMAL TUMOR MODELS	65,661
1S10 RR01572-01	BERNSTEIN, IRWIN D	FLUORESCENCE-ACTIVATED CELL SORTER	156,369
1R01 CA32913-01	FAREWELL, VERNON T	STATISTICAL METHODS FOR MEDICAL DATA	15,231
1R01 CA33522-01	FINK, B RAYMOND	LONG TERM DIFFERENTIAL BLOCK FOR CANCER PAIN	95,949
1R01 CA34206-01	PESANDO, JOHN M	HUMAN LEUKEMIA-ASSOCIATED ANTIGENS	71,229
INSTITUTION TOTAL	5	404,439	
PUGET SOUND BLOOD CENTER			
1R01 CA33236-01	SLICHTER, SHERRILL J	CHARACTERIZATION OF NON-HLA PLATELET ANTIGENS/ANTIBODIES	46,143
1R01 HL28880-01	SLICHTER, SHERRILL J	REVERSAL OF PLATELET ALLOIMMUNIZATION	56,176
INSTITUTION TOTAL	2	102,319	
UNIVERSITY OF WASHINGTON			
1R01 HL30185-01	BRENGELMANN, GEORGE L	CONTROL OF SKIN BLOOD FLOW IN MAN	55,722
1R01 AG03865-01	BURNELL, JAMES M	OSTEOPOROSIS: SUBTYPES AND TREATMENT RESPONSE	75,263
1S10 RR01556-01	CHASE, JOHN D	SCANNING-TRANSMISSION ELECTRON MICROSCOPE	196,000

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1R23 HL28598-01	CHUNG, DOMINIC W	THE STRUCTURE AND ORGANIZATION OF FIBRINOGEN GENES	24,492
1P40 RR01599-01	FERNALD, ROBERT L	HANDBOOK OF MARINE INVERTEBRATE DEVELOPMENT	17,118
1R01 GM31088-01	FORSTER, FRED K	ULTRASONIC ASSESSMENT OF WOUND HEALING AND BURN TRAUMA	111,422
1R01 HD16659-01	GARTLER, STANLEY M	ISOLATION OF HUMAN X CHROMOSOME DNA	94,538
1R01 CA33084-01	GREENBERG, PHILIP D	MECHANISMS OF MURINE TUMOR ERADICATION BY IMMUNOTHERAPY	82,819
1R23 CA32757-01	HAMILTON, BRIAN L	MECHANISMS OF MINOR-H ANTIGEN GVHD	34,000
1R01 GM31150-01	HEIMBACH, DAVID M	EFFECTS OF MULTIPLE TRANSFUSIONS IN TRAUMA AND BURNS	51,595
1R01 NS18544-01	KOERKER, DONNA J	ROLE OF INSULIN IN STEROID INDUCED MYOPATHY	52,000
1R01 HD15915-01A1	MACKLER, BRUCE	IRON DEFICIENCY ANEMIA: EFFECTS ON TISSUE METABOLISM	75,636
1R01 HL28336-01A1	MC CRAE, DAVID A	CHEMISTRY AND PHARMACOLOGY OF FLUORINATED THROMBOXANES	49,919
1R23 HD16211-01A1	MULLER, CHARLES H	HORMONAL REGULATION OF THE EPIDIDYMIS AND SPERM SURFACE	35,856
1R23 AI18493-01	PUTNAM, DAVID L	BONE MARROW CELL MEMBRANE IMMUNOGLOBULINS	35,808
1R01 CA32976-01	RAUCHER, STANLEY	TOTAL SYNTHESIS OF CATHARANTHINE & ANTICANCER ALKALOIDS	48,741
1R01 HL28991-01	ROWELL, LORING B	REFLEX CONTROL OF CIRCULATION IN EXERCISE	85,651
1P01 AM31232-01	STAMATOYANNOPOULOS, G	DEVELOPMENTAL BIOLOGY OF HEMOGLOBIN SWITCHING	490,441
1R01 GM31708-01	STORM, DANIEL R	CALMODULIN REGULATION OF B PERTUSSIS ADENYLATE CYCLASE	70,979
1R01 HL29303-01	TENG, LIN-NAR L	NEW MODIFICATION OF HEPARIN MOLECULES	46,443
1R01 NS18658-01	WILLOWS, A O	NEURONS CONTAINING ACETYLCHOLINE & NEUROACTIVE PEPTIDES	21,441
INSTITUTION TOTAL	21	1,755,884	
CITY TOTAL	29	2,312,996	
SPOKANE			
GONZAGA UNIVERSITY			
1R01 CA33110-01	WILLIAMS, BARBARA J	STATISTICAL METHODS FOR MULTIPLE EVENT TIME DATA	9,619
INSTITUTION TOTAL	1	9,619	
CITY TOTAL	1	9,619	
STATE TOTAL	31	2,364,058	
WEST VIRGINIA			
HUNTINGTON			
MARSHALL UNIVERSITY			
1R22 AI19117-01	GILLIS, THOMAS P	ANTIGENIC ANALYSIS OF M LEPRAE WITH MONOCLONAL ANTIBODY	45,930
INSTITUTION TOTAL	1	45,930	
CITY TOTAL	1	45,930	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WEST VIRGINIA				
MORGANTOWN				
WEST VIRGINIA UNIVERSITY				
1R01 AM31295-01	KLETZIEN, ROLF F		HORMONAL REGULATION OF HEPATIC AMINO ACID TRANSPORT	64,857
INSTITUTION TOTAL	1	64,857		
CITY TOTAL	1	64,857		
STATE TOTAL	2	110,787		
WISCONSIN				
EAU CLAIRE				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-EAU CLAIRE				
1R01 GM31106-01	LIM, JOHNG K		DNA REARRANGEMENTS IN DROSOPHILA CHROMOSOMES	115,000
INSTITUTION TOTAL	1	115,000		
CITY TOTAL	1	115,000		
MADISON				
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON				
1R01 AI19325-01	BLATTNER, FREDERICK R		IMMUNOGLOBULIN GENE SPLICING IN VITRO	23,821
1R01 AM31500-01	CLEELAND, CHARLES S		BEHAVIORAL MANAGEMENT OF PAIN IN RHEUMATOID ARTHRITIS	81,042
1R01 GM31107-01	CRAIG, ELIZABETH A		REGULATION AND FUNCTION OF THE YEAST HEAT SHOCK RESPONSE	71,711
1R01 NS17742-01A1	DASGUPTA, BIBHUTI R		BOTULINUM NEUROTOXIN: STRUCTURE AND ACTIVE SITE(S)	53,510
1R01 GM31181-01	DIMOND, RANDALL L		2-MANNOSIDASE REGULATION DURING SLIME MOLD DEVELOPMENT	49,474
1R01 GM30948-01	ENGELS, WILLIAM R		BEHAVIOR OF P FACTORS: MOVABLE ELEMENTS IN DROSOPHILA	55,000
1R01 NS18700-01	GIBSON, JOHN M		QUANTITATIVE STUDIES OF CEREBELLAR AFFERENT CIRCUITS	32,593
1R01 GM31066-01	GROSSMAN, JEFFREY E		CRYOPRECIPITATE THERAPY OF CRITICALLY ILL PATIENTS	42,934
1R01 HL29046-01	HOLDEN, JAMES E		MYOCARDIAL GLUCOSE TRANSPORT WITH POSITRON TOMOGRAPHY	59,175
1R01 GM31249-01	INMAN, ROSS B		REPLICATION OF DNA IN EUCARYOTES	58,383
1R01 CA33453-01	KAHAN, BRENDA W		TERATOCARCINOMA CELL SURFACE RECOGNITION	61,561
1R01 EY03843-01A1	KLEIN, BARBARA E		RETINOPATHY IN THE PREGNANT DIABETIC PATIENT	26,416
1R01 AG03501-01	LEVENTHAL, HOWARD		ILLNESS COGNITION AND COPING IN THE ELDERLY	101,919
1R01 GM31098-01	NELSON, DAVID L		CALMODULIN IN TRICHOCYST ASSEMBLY AND STRUCTURE	58,264
1R01 HD15982-01A1	PALLONI, ALBERTO		COMPARATIVE FERTILITY TRENDS	45,786
1R01 HL29161-01	RIDER, DIANE W		A2-MACROGLOBULIN AND F.XIII: SYNTHESIS, METABOLISM	38,197
1R01 CA32685-01	SONDEL, PAUL M		THE IMMUNOBIOLOGY OF HUMAN ANTILEUKEMIC LYMPHOCYTES	61,270
1R01 AG02913-01A1	STAPLETON, CLARE M		SEX DIFFERENTIALS IN MOBILITY OF THE AGED	28,692
1R01 HL29001-01	STEELE, THOMAS H		CALCIUM AND THE HYPERTENSIVE KIDNEY	47,442
1R01 HL29043-01	VIDRUK, EDWARD H		NEURAL INTERACTIONS INFLUENCING BRONCHOMOTOR REFLEXES	32,993
INSTITUTION TOTAL	20	1,030,183		
CITY TOTAL	20	1,030,183		

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
AMERICAN ACADEMY OF ALLERGY			
1R13 AI19396-01	MCNEIL, DONALD L	INTERNATIONAL CONGRESS OF ALLERGOLOGY	5,000
INSTITUTION TOTAL	1	5,000	
MARQUETTE UNIVERSITY			
1R03 DE06337-01	BURKE, DAVID H	DRUG-INDUCED CLEFT PALATE IN MICE	10,047
1R01 AM31258-01	MEYER, RALPH, JR	X-LINKED HYPOPHOSPHATEMIC MICE: INTESTINAL MALABSORPTION	36,324
1R03 DE06271-01	QUOCK, RAYMOND M	NITROUS OXIDE AND ENDORPHINS	14,600
INSTITUTION TOTAL	3	60,971	
MEDICAL COLLEGE OF WISCONSIN			
1R23 HL29192-01	BOSNJAK, ZELJKO J	GANGLIONIC MODULATION OF CARDIAC AUTONOMIC ACTIVITY	36,055
1R01 EY03938-01A1	CHUSID, MICHAEL J	CORNEAL INFLAMMATION AND THE POLYMORPHONUCLEAR LEUKOCYTE	63,381
1P20 CA33142-01	DONEGAN, WILLIAM L	EXPLORATORY STUDIES IN SURGICAL ONCOLOGY RESEARCH	54,286
1P50 AI19104-01	FINK, JORDAN N	IMMUNOLOGIC STUDIES OF ENVIRONMENTAL LUNG DISEASE	125,000
1R01 HL29319-01	FINK, JORDAN N	CLINICAL STUDIES OF HYPERSENSITIVITY PNEUMONITIS	34,629
1R01 HL29390-01	KELLER, ROBERT H	IMMUNOREGULATION IN HYPERSENSITIVITY PNEUMONITIS	96,586
1R01 HL27968-01A1	KOSTREVA, DAVID R	LOW PRESSURE RECEPTORS IN NEURAL CONTROL OF CIRCULATION	54,189
1R01 AM30579-01	MANDEL, NEIL S	CRYSTAL INTERACTIONS IN RENAL STONE DISEASE	48,375
1R23 HL28303-01A1	OSBORN, JEFFREY L	BRAIN ANGIOTENSIN II: EFFECTS ON RENAL FUNCTION	35,402
1R01 EY04193-01	RADIUS, RONALD L	GLAUCOMATOUS OPTIC NEUROPATHY	48,400
INSTITUTION TOTAL	10	596,303	
CITY TOTAL	14	662,274	
STATE TOTAL	35	1,807,457	
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES			
1R01 AM30201-01	MARTINEZ-MALDONADO, MANUEL	RENAL FUNCTION IN PROTEIN MALNUTRITION	82,497
INSTITUTION TOTAL	1	82,497	
CITY TOTAL	1	82,497	
STATE TOTAL	1	82,497	
ARGENTINA			
BUENOS AIRES			
INSTITUTE OF BIOLOGY AND EXPERIMENTAL MEDICINE			
1R01 HD15920-01A1	BLAQUIER, JORGE A	PHYSIOLOGY OF THE HUMAN EPIDIDYMIS IN ORGAN CULTURE	23,040

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	23,040	
CITY TOTAL	1	23,040	
STATE TOTAL	1	23,040	
AUSTRALIA			
MELBOURNE			
WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH			
1R01 AI18439-01	MILLER, JACQUES F	ANALYSIS OF T HYBRIDOMAS BEARING DEFINED IDIOTYPES	56,600
INSTITUTION TOTAL	1	56,600	
CITY TOTAL	1	56,600	
STATE TOTAL	1	56,600	
CANADA			
HALIFAX			
DALHOUSIE UNIVERSITY			
1R03 EY04476-01	SHAW, STEPHEN R	AMACRINE CELLS SIGNAL VIA LOCAL NEURONAL CIRCUITS	14,882
INSTITUTION TOTAL	1	14,882	
CITY TOTAL	1	14,882	
MONTREAL			
MONTREAL GENERAL HOSPITAL			
1R01 HL29502-01	KARINO, TAKESHI	FLUID DYNAMICS IN TRANSPARENT NATURAL BLOOD VESSELS	62,080
INSTITUTION TOTAL	1	62,080	
CITY TOTAL	1	62,080	
STATE TOTAL	2	76,962	
ISRAEL			
HAIFA			
TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY			
1R01 AM31489-01	KARNIELI, EDDY	MECHANISM OF INSULIN RESISTANCE IN HUMAN ADIPOSE CELLS	55,343
INSTITUTION TOTAL	1	55,343	
CITY TOTAL	1	55,343	
STATE TOTAL	1	55,343	
TOTAL	1,218	86,298,515	

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NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ALABAMA				
BIRMINGHAM				
SOUTHERN RESEARCH INSTITUTE				
1N01 CP26009-00	SHEALY, Y FULMER		SYNTHESIS OF RETINOIDS	285,852
INSTITUTION TOTAL	1	285,852		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM				
1N01 HV28012-00	WALDO, ALBERT L		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	30,890
INSTITUTION TOTAL	1	30,890		
CITY TOTAL	2	316,742		
UNIVERSITY				
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN UNIVERSITY				
1N01 CM27571-00	BAKER, DAVID A		SYNTHESIS OF CONGENERS AND PRO DRUGS	68,015
INSTITUTION TOTAL	1	68,015		
CITY TOTAL	1	68,015		
STATE TOTAL	3	384,757		
CALIFORNIA				
LA JOLLA				
SALK INSTITUTE FOR BIOLOGICAL STUDIES				
1N01 HD22824-00	RIVIER, JEAN		MAINTAIN AND OPERATE A SYNTHETIC PEPTIDE FACILITY	628,371
INSTITUTION TOTAL	1	628,371		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1N01 CB23930-00	DEFTOS, LEONARD J		USE OF MULTIPLE MARKERS IN LUNG CANCER DIAGNOSIS	82,573
INSTITUTION TOTAL	1	82,573		
CITY TOTAL	2	710,944		
LOS ANGELES				
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1N01 CP21032-00	SPARKES, ROBERT S		GENETIC FACTORS IN HIGH-RISK CANCER PATIENTS	37,725
1N01 LM23514-00	WERNER, GLORIA		REGIONAL MEDICAL LIBRARY SERVICES	340,334
INSTITUTION TOTAL	2	378,059		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF SOUTHERN CALIFORNIA				
1N01 CP21038-00	PIKE, MALCOLM C		BREAST CANCER IN ORIENTAL AMERICANS	450,000
INSTITUTION TOTAL	1	450,000		
CITY TOTAL	3	828,059		
MENLO PARK				
SRI INTERNATIONAL				
1N01 CM27560-00	LEAFFER, MORRIS A		PREPARATION OF RADIOLABELED MATERIALS	130,131
1N01 ES28038-00	MITCHELL, ANN D		MOUSE LYMPHOMA BIOASSAY	283,391
INSTITUTION TOTAL	2	413,522		
CITY TOTAL	2	413,522		
PALO ALTO				
NORTHERN CALIFORNIA CANCER PROGRAM, INC.				
1N01 CP21010-00	AUSTIN, DONALD		BREAST CANCER IN ORIENTAL AMERICANS	270,555
INSTITUTION TOTAL	1	270,555		
CITY TOTAL	1	270,555		
RANCHO CORDOVA				
NIMBUS, INC.				
1N01 HV28001-00	MOISE, JOHN C		THERMAL VENTRICULAR ASSIST SYSTEM	1,061,824
INSTITUTION TOTAL	1	1,061,824		
CITY TOTAL	1	1,061,824		
RICHMOND				
DATA COMPOSITION, INC.				
1N01 LM23520-00	ARMSTRONG, BARBARA		MACHINE READABLE IDENTIFYING LABELS	25,684
INSTITUTION TOTAL	1	25,684		
CITY TOTAL	1	25,684		
SAN DIEGO				
HYBRITECH INCORPORATED				
1N01 CM26010-00	DAVID, GARY S		COUPLING OF CYTOTOXIC AGENTS TO MONOCLONAL ANTIBODY	189,296
INSTITUTION TOTAL	1	189,296		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	189,296	
CALIFORNIA			
SANTA MONICA			
RAND CORPORATION			
1N01 OD22128-00	KANOUSE, DAVID E	IMPACT OF DEVELOPMENT PROG/KNOWLEDGE/BEHAVIOR OF PUBLIC	200,000
INSTITUTION TOTAL	1	200,000	
CITY TOTAL	1	200,000	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1N01 AM22213-00	PARLOW, ALBERT F	HUMAN PITUITARY HORMONE EXTRACTION AND PURIFICATION	155,150
1N01 CB23929-00	WOLFSEN, ADA R	USE OF MULTIPLE MARKERS IN LUNG CANCER DIAGNOSIS	126,362
INSTITUTION TOTAL	2	281,512	
CITY TOTAL	2	281,512	
WOODLAND HILLS			
TERMINAL DATA CORPORATION			
1N01 LM23518-00	NOT AVAILABLE	HIGH RESOLUTION SOFTCOPY OUTPUT SUBSYSTEM	21,390
INSTITUTION TOTAL	1	21,390	
CITY TOTAL	1	21,390	
STATE TOTAL	15	4,002,786	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1N01 CP21037-00	FRANCKE, UTA	GENETIC FACTORS IN HIGH-RISK CANCER PATIENTS *	128,515
INSTITUTION TOTAL	1	128,515	
CITY TOTAL	1	128,515	
NORWALK			
GENZYME CORPORATION			
1N01 NS22304-00	BLAIR, HENRY	PREPARE GLUCOCEREBROSIDASE FROM PLACENTAL TISSUE	355,770
INSTITUTION TOTAL	1	355,770	
CITY TOTAL	1	355,770	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	2	484,285		
DIST OF COL				
WASHINGTON				
GEORGETOWN UNIVERSITY				
1N01 AI22675-00	JOHNSON, ARMEAD		SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	90,154
1N01 NS22310-00	WRATHALL, JEAN R		STANDARDIZED REPRODUCIBLE SPINAL CORD INJURY MODEL	470,700
INSTITUTION TOTAL	2	560,854		
ICF, INC.				
1N01 AG22138-00	ANDERSON, JOSEPH		HEALTH EXPENDITURES AND THE AGING POPULATION	127,242
INSTITUTION TOTAL	1	127,242		
NATIONAL ACADEMY OF SCIENCES				
1N01 AI22678-00	BOND, QUETA		STUDY ISSUES AND PRIORITIES FOR NEW VACCINE DEVELOPMENT	150,000
1N01 RR22135-00	GROGAN, EARL		REVISE GUIDE FOR CARE AND USE OF LABORATORY ANIMALS	71,000
1N01 OD22117-00	SPINDEL, WILLIAM		WORKSHOP ON STABLE AND DERIVED RADIOISOTOPES	15,000
INSTITUTION TOTAL	3	236,000		
TELE SEC				
1N01 LM23517-00	SMITH, MICHELLE		LABELING WITH MACHINE READABLE IDENTIFIERS	199,206
INSTITUTION TOTAL	1	199,206		
TRITON CORPORATION				
1N01 RR22133-00	BLOOM, SONNY		EVALUATE MINORITY BIOMEDICAL RESEARCH SUPPORT PROGRAM	75,277
INSTITUTION TOTAL	1	75,277		
U.S. SMITHSONIAN INSTITUTION				
1N01 CP26000-00	ROPER, CLYDE		OPERATION OF A REGISTRY OF TUMORS IN LOWER ANIMALS	280,276
INSTITUTION TOTAL	1	280,276		
CITY TOTAL	9	1,478,855		
STATE TOTAL	9	1,478,855		
FLORIDA				
CLEARWATER				
OXFORD MEDILOG, INC.				
1N01 CL22136-00	NOT AVAILABLE		AUTOMATED BIOMECHANICS LABORATORY SYSTEM	392,655
INSTITUTION TOTAL	1	392,655		

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	392,655		
FLORIDA				
MIAMI				
PAPANICOLAOU CANCER RESEARCH INSTITUTE				766,223
1N01 ES28025-00	BOCK, FRED		BIOASSAY TESTING-TOXICOLOGY PROGRAM	
INSTITUTION TOTAL	1	766,223		
CITY TOTAL	1	766,223		
STATE TOTAL	2	1,158,878		
GEORGIA				
ATHENS				
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA				130,195
1N01 CM27401-00	CADWALLADER, DONALD E		SHELF LIFE EVALUATION OF CLINICAL DRUGS	
INSTITUTION TOTAL	1	130,195		
CITY TOTAL	1	130,195		
ATLANTA				
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY				41,060
1N01 CM27517-00	ZALKOW, LEON H		SYNTHESIS OF CONGENERS AND PRO DRUGS	
INSTITUTION TOTAL	1	41,060		
CITY TOTAL	1	41,060		
STATE TOTAL	2	171,255		
HAWAII				
HONOLULU				
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA				415,515
1N01 CP21036-00	NOMURA, ABRAHAM M		BREAST CANCER IN ORIENTAL AMERICANS	
INSTITUTION TOTAL	1	415,515		
CITY TOTAL	1	415,515		
STATE TOTAL	1	415,515		
ILLINOIS				
URBANA				
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN				280,000
1N01 CP21011-00	HELPER, LLOYD C		ANIMAL MORBIDITY/MORTALITY SURVEY--VETERINARY COLLEGES	

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	280,000		
CITY TOTAL	1	280,000		
STATE TOTAL	1	280,000		
LOUISIANA				
BATON ROUGE				
GULF SOUTH RESEARCH INSTITUTE				
1N01 HD22825-00	FIELD, WILLIAM E		CHRONIC TOXICOLOGY FOR THE CAPRONOR DRUG DELIVERY SYSTEM	284,128
1N01 ES28027-00	WHEELER, RALPH		BIOASSAY PROGRAM, NTP	1,638,599
INSTITUTION TOTAL	2	1,922,727		
CITY TOTAL	2	1,922,727		
STATE TOTAL	2	1,922,727		
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1N01 HV28007-00	REID, PHILIP R		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	3,747
INSTITUTION TOTAL	1	3,747		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE				
1N01 CP25605-00	MCDOWELL, ELIZABETH		HAMSTER RESPIRATORY CARCINOGENESIS RESOURCE	196,496
INSTITUTION TOTAL	1	196,496		
CITY TOTAL	2	200,243		
BETHESDA				
INFORMATION MANAGEMENT SERVICES				
1N01 CO23912-00	YOUNG, PAUL A		COMPUTER SERVICES--NCI FREDERICK FACILITY	774,066
INSTITUTION TOTAL	1	774,066		
TECHNICAL RESOURCES, INC.				
1N01 ES28018-00	NATELLA, DAVID W		ACQUISITION AND DUPLICATION OF SCIENTIFIC ARTICLES	2,500
INSTITUTION TOTAL	1	2,500		
WHITTAKER CORPORATION--MICROBIOLOGICAL ASSOCIATES				
1N01 ES28026-00	DINOWITZ, M		BIOASSAY TESTING OF COMPOUNDS PROGRAM	588,344
INSTITUTION TOTAL	1	588,344		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	3	1,364,910		
MARYLAND				
COLUMBIA				
BENDIX CORPORATION--BENDIX FIELD ENGINEERING CORPORATION				
1N01 LM23512-00	CATHCART, JIM		NLM TECHNICAL SUPPORT SERVICES	59,333
INSTITUTION TOTAL	1	59,333		
CARLTECH ASSOCIATES, INC.				
1N01 ES25020-00	THERIAULT, WILLIAM		BIOASSAY REPORT PREPARATION	468,252
INSTITUTION TOTAL	1	468,252		
CITY TOTAL	2	527,585		
FREDERICK				
DATA MANAGEMENT SERVICES, INC.				
1N01 CO23913-00	CALLAHAN, LAWRENCE E		SCIENTIFIC LIBRARY SERVICES--NCI FREDERICK FACILITY	557,206
INSTITUTION TOTAL	1	557,206		
CITY TOTAL	1	557,206		
GERMANTOWN				
DIGITAL COMMUNICATIONS CORPORATION				
1N01 LM23522-00	NOT AVAILABLE		REPLACEMENT OF FANS IN BIUS	21,292
INSTITUTION TOTAL	1	21,292		
CITY TOTAL	1	21,292		
KENSINGTON				
LITTON INDUSTRIES--LITTON BIONETICS				
1N01 CP21035-00	GALLOWAY, SHEILA M		GENETIC FACTORS IN HIGH-RISK CANCER PATIENTS	184,575
1N01 CO23909-00	LIVWEMAN, JAMES L		RESEARCH AT THE NCI FREDERICK CANCER RESEARCH FACILITY	6,000,000
1N01 ES28036-00	MYHR, BRIAN		MOUSE LYMPHOMA BIOASSAY	458,005
INSTITUTION TOTAL	3	6,642,580		
TWO, INC.				
1N01 LM23519-00	JOHNSON, KRISTIN		SUPPORT FOR THE TOXICOLOGY DATA BANK	114,604
INSTITUTION TOTAL	1	114,604		
CITY TOTAL	4	6,757,184		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
POTOMAC				
PROSPECT ASSOCIATES				
1N01 CO23852-00	HENDERSON, LAURA		ANALYTICAL SERVICES-DEA/NCI	265,445
1N01 HO27005-00	HENDERSON, LAURA		TECHNICAL SUPPORT FOR NHLBI PROGRAM PLAN SERVICES	511,931
INSTITUTION TOTAL	2	777,376		
CITY TOTAL	2	777,376		
ROCKVILLE				
AMERICAN TYPE CULTURE COLLECTION				
1N01 HD22826-00	HAY, ROBERT J		PREPARE AND STORE TROPHOBLASTIC AND LIVER CELLS	74,059
1N01 RR22139-00	STEVENSON, ROBERT		MAINTAIN REFERENCE MICROORGANISMS AND CELL CULTURES	150,122
INSTITUTION TOTAL	2	224,181		
BIOQUAL, INC.				
1N01 CB25005-00	WEATHERLY, BRIAN S		FACILITY FOR VIRUS INFECTED AND CHIMERIC MICE	345,998
INSTITUTION TOTAL	1	345,998		
HEM RESEARCH, INC.				
1N01 CM25608-00	SMITH, RICHARD G		SUPPLY HUMAN TUMORS NUCLEIC ACIDS AND RETROVIRUSES	144,679
INSTITUTION TOTAL	1	144,679		
INFORMATION AND COMMUNICATION APPLICATIONS				
1N01 CM27510-00	PEE, DAVID		CANCER THERAPY EVALUATION PROGRAM INFORMATION SYSTEM	271,543
INSTITUTION TOTAL	1	271,543		
PROGRAM RESOURCES				
1N01 CO23910-00	GILDEN, RAYMOND V		OPERATIONS AT THE NCI FREDERICK FACILITY	6,166,000
INSTITUTION TOTAL	1	6,166,000		
WESTAT RESEARCH, INC.				
1N01 CP21009-00	MORAN, FRANK		SUPPORT SERVICES FOR OCCUPATIONAL STUDIES	1,250,476
INSTITUTION TOTAL	1	1,250,476		
CITY TOTAL	7	8,402,877		
WALKERSVILLE				
WHITTAKER CORPORATION--M. A. BIOPRODUCTS				
1N01 NS22309-00	PARKER, NORMA		PREPARATION AND DELIVERY OF SPECIAL TISSUE CULTURE CELLS	99,750

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	99,750		
CITY TOTAL	1	99,750		
STATE TOTAL	23	18,708,423		
MASSACHUSETTS				
BEDFORD				
MITRE CORPORATION				
1N01 LM23523-00	GREENSPAN, MARTY		COAXIAL CABLE DISTRIBUTION NETWORK	70,000
INSTITUTION TOTAL	1	70,000		
CITY TOTAL	1	70,000		
BOSTON				
BETH ISRAEL HOSPITAL				
1N01 NS22308-00	MILSKI, JOHN		DATA BANK MAINTENANCE CENTER--NINCDS	218,006
INSTITUTION TOTAL	1	218,006		
BOSTON UNIVERSITY				
1N01 HD22820-00	MITCHELL, ALLEN A		SPERMICIDE USE AND ADVERSE PREGNANCY OUTCOME	363,930
1N01 HV28000-00	WOLF, PHILIP		STUDY OF SENILE DEMENTIA IN THE FRAMINGHAM HEART STUDY	80,000
1N01 NS22398-00	WOLF, PHILIP		FULL PHASE STROKE DATA BANK	174,029
INSTITUTION TOTAL	3	617,959		
CHILDREN'S HOSPITAL MEDICAL CENTER				
1N01 AI22666-00	HEALY, GERALD B		TREAT JUVENILE LARYNGEAL PAPILLOMA WITH INTERFERON	315,460
INSTITUTION TOTAL	1	315,460		
FORSYTH DENTAL CENTER				
1N01 DE22439-00	DOGON, I LEON		COMBINED SEALANT AND SELF-APPLIED FLUORIDE PROGRAM	264,924
INSTITUTION TOTAL	1	264,924		
TUFTS-NEW ENGLAND MEDICAL CENTER				
1N01 NS22305-00	NOT AVAILABLE		COMMUNICATIVE DEVICES FOR NON-SPEAKING PATIENTS	212,708
INSTITUTION TOTAL	1	212,708		
CITY TOTAL	7	1,629,057		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS				
CAMBRIDGE				
SISA, INC.				
1N01 HD22822-00	DUFFLEY, RICHARD P		SYNTHESIZE GOSSYPOL MALE ANTIFERTILITY AGENTS	427,345
INSTITUTION TOTAL	1	427,345		
CITY TOTAL	1	427,345		
NEWTON				
EIC LABORATORIES, INC.				
1N01 NS22303-00	BRUMER, S B		DEVELOPMENT OF NEURAL STIMULATING ELECTRODES	156,245
INSTITUTION TOTAL	1	156,245		
CITY TOTAL	1	156,245		
WOODS HOLE				
MARINE BIOLOGICAL LABORATORY				
1N01 NS10377-00	ADELMAN, WILLIAM		LOGISTICAL SUPPORT FOR NINCDS	502,301
INSTITUTION TOTAL	1	502,301		
CITY TOTAL	1	502,301		
WORCESTER				
E G & G, INC.--MASON RESEARCH INSTITUTE				
1N01 ES28033-00	LILJA, HERMAN		BIOASSAY TESTING-TOXICOLOGY PROGRAM	1,058,118
INSTITUTION TOTAL	1	1,058,118		
CITY TOTAL	1	1,058,118		
STATE TOTAL	12	3,843,066		
MICHIGAN				
GRAND RAPIDS				
BUTTERWORTH HOSPITAL				
1N01 CB23927-00	MAYCROFT, THEODORE		COLLECT SERUM FROM PATIENTS SCHEDULED FOR BREAST BIOPSY	17,460
INSTITUTION TOTAL	1	17,460		
CITY TOTAL	1	17,460		
KALAMAZOO				
BORGESS MEDICAL CENTER				
1N01 CN25598-00	ZELKOWITZ, LEO		COMMUNITY HOSPITAL ONCOLOGY PROGRAM	148,360

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	148,360		
CITY TOTAL	1	148,360		
MICHIGAN				
MATTAWAN				
INTERNATIONAL RESEARCH AND DEVELOPMENT CORPORATION				
1N01 AM22216-00	GOLDENTHAL, EDWIN I		TOXICOLOGIC EVALUATION OF IRON CHELATING AGENTS	171,334
INSTITUTION TOTAL	1	171,334		
CITY TOTAL	1	171,334		
STATE TOTAL	3	337,154		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1N01 AG22140-00	HESTON, LEONARD		LNS ALZHEIMERS DISEASE STUDY	203,053
INSTITUTION TOTAL	1	203,053		
CITY TOTAL	1	203,053		
ROCHESTER				
MAYO FOUNDATION				
1N01 CM27539-00	MOERTEL, CHARLES G		FOLLOW-UP PATIENTS ON G I TUMOR STUDY GROUP PROTOCOLS	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
STATE TOTAL	2	253,053		
MISSISSIPPI				
OCEAN SPRINGS				
GULF COAST RESEARCH LABORATORY				
1N01 CP26008-00	OVERSTREET, ROBIN		STUDIES ON DRINKING WATER CARCINOGENS AND MUTAGENS	134,831
INSTITUTION TOTAL	1	134,831		
CITY TOTAL	1	134,831		
STATE TOTAL	1	134,831		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MISSOURI				
COLUMBIA				
CANCER RESEARCH CENTER				
1N01 CB23925-00	RODES, NED D		COLLECT SERUM FROM PATIENTS SCHEDULED FOR BREAST BIOPSY	24,270
INSTITUTION TOTAL	1	24,270		
UNIVERSITY OF MISSOURI-COLUMBIA				
1N01 CM27534-00	WAGNER, JOSEPH E		OPERATE A SALMONELLA/PSEUDOMONAS DIAGNOSTIC LABORATORY	63,124
INSTITUTION TOTAL	1	63,124		
CITY TOTAL	2	87,394		
STATE TOTAL	2	87,394		
NEW MEXICO				
ALBUQUERQUE				
UNIVERSITY OF NEW MEXICO ALBUQUERQUE				
1N01 CB23928-00	BARTOW, SUE A		USE OF MULTIPLE MARKERS IN LUNG CANCER DIAGNOSIS	28,000
INSTITUTION TOTAL	1	28,000		
CITY TOTAL	1	28,000		
STATE TOTAL	1	28,000		
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
1N01 CP21033-00	SANDBERG, AVERY A		GENETIC FACTORS IN HIGH-RISK CANCER PATIENTS	41,526
INSTITUTION TOTAL	1	41,526		
STATE UNIVERSITY OF NEW YORK AT BUFFALO				
1N01 CM27570-00	ANDERSON, WAYNE E		SYNTHESIS OF CONGENERS AND PRO DRUGS	101,581
INSTITUTION TOTAL	1	101,581		
CITY TOTAL	2	143,107		
LAKE PLACID				
W. ALTON JONES CELL SCIENCE CENTER				
1N01 AG22132-00	SMITH, JAMES R		ASSESSMENT OF HUMAN CELLULAR AGING	184,228
INSTITUTION TOTAL	1	184,228		
CITY TOTAL	1	184,228		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NEW YORK				
NEW YORK				
COLUMBIA UNIVERSITY				
1N01 HV28006-00	BIGGER, J THOMAS		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	7,416
INSTITUTION TOTAL	1	7,416		
DMH ASSOCIATES, INC.				
1N01 AG22137-00	HOLMES, MONICA B		SURVEY OF THE LAST DAYS OF LIFE	160,000
INSTITUTION TOTAL	1	160,000		
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH				
1N01 AI22676-00	POLLACK, MARILYN S		SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	76,398
1N01 CB23915-00	SCHWARTZ, MORTON K		USE OF MULTIPLE MARKERS IN LUNG CANCER DIAGNOSIS	124,731
1N01 CM25600-00	WANG, C Y		PRODUCTION OF HYBRIDOMAS	125,400
INSTITUTION TOTAL	3	326,529		
CITY TOTAL	5	493,945		
ROCHESTER				
UNIVERSITY OF ROCHESTER				
1N01 HV28013-00	AKIYAMA, TOSHIO		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	13,429
INSTITUTION TOTAL	1	13,429		
CITY TOTAL	1	13,429		
STATE TOTAL	9	834,709		
NORTH CAROLINA				
GREENSBORO				
AMERICAN TELEPHONE AND TELEGRAPH COMPANY--WESTERN ELECTRIC COMPANY				
1N01 CP26007-00	BALDWIN, E G		UNIX OPERATING SYSTEM	16,000
INSTITUTION TOTAL	1	16,000		
CITY TOTAL	1	16,000		
RALEIGH				
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH				
1N01 ES25019-00	COOKE, ROBERT E		TERATOGENIC EFFECT OF ENVIRONMENTAL AGENTS	134,980
INSTITUTION TOTAL	1	134,980		
CITY TOTAL	1	134,980		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NORTH CAROLINA				
RESEARCH TRIANGLE PARK				
RESEARCH TRIANGLE INSTITUTE				
1N01 CM27515-00	KEPLER, JOHN A		PREPARATION OF RADIOLABELED MATERIALS	118,735
INSTITUTION TOTAL	1	118,735		
CITY TOTAL	1	118,735		
STATE TOTAL	3	269,715		
OHIO				
DAYTON				
MONSANTO COMPANY--DAYTON LABORATORY				
1N01 CM27516-00	ELLARD, JAMES A		PRODUCTION OF BULK CHEMICALS AND DRUGS	290,719
INSTITUTION TOTAL	1	290,719		
CITY TOTAL	1	290,719		
RICHMOND HEIGHTS				
PICKER INTERNATIONAL, INC.				
1N01 CL22120-00	NOT AVAILABLE		NUCLEAR MAGNETIC RESONANCE IMAGING SYSTEM	700,000
INSTITUTION TOTAL	1	700,000		
CITY TOTAL	1	700,000		
TOLEDO				
TOLEDO HOSPITAL				
1N01 CN25599-00	COBAU, CHARLES		COMMUNITY HOSPITAL ONCOLOGY PROGRAM	156,268
INSTITUTION TOTAL	1	156,268		
CITY TOTAL	1	156,268		
STATE TOTAL	3	1,146,987		
PENNSYLVANIA				
PHILADELPHIA				
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA				
1N01 NS22307-00	BLACK, PERRY		STANDARDIZED REPRODUCIBLE SPINAL CORD INJURY MODEL	568,000
INSTITUTION TOTAL	1	568,000		
CITY TOTAL	1	568,000		
STATE TOTAL	1	568,000		

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
RHODE ISLAND			
PROVIDENCE			
RHODE ISLAND HOSPITAL			
1N01 HV28010-00	CAPONE, ROBERT J	CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	6,881
INSTITUTION TOTAL	1	6,881	
CITY TOTAL	1	6,881	
STATE TOTAL	1	6,881	
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
1N01 HV28014-00	WOOSLEY, RAYMOND L	CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	9,628
INSTITUTION TOTAL	1	9,628	
CITY TOTAL	1	9,628	
STATE TOTAL	1	9,628	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 HV28005-00	PRATT, CRAIG M	CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	8,190
INSTITUTION TOTAL	1	8,190	
CITY TOTAL	1	8,190	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
1N01 CL12115-00	FEITH, EDWARD	HOUSE AND MAINTAIN GOVERNMENT-OWNED CHIMPANZEES	81,166
INSTITUTION TOTAL	1	81,166	
CITY TOTAL	1	81,166	
STATE TOTAL	2	89,356	
UTAH			
SALT LAKE CITY			
SALT LAKE CLINIC RESEARCH FOUNDATION			
1N01 HV28011-00	BARKER, ALLAN H	CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	27,531
INSTITUTION TOTAL	1	27,531	

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	27,531		
STATE TOTAL	1	27,531		
VIRGINIA				
ALEXANDRIA				
A. T. KEARNEY, INC.				
1N01 DS22141-00	EGAN, JOHN W		TREATMENT AND DISPOSAL FOR NIH HAZARDOUS WASTES	195,126
INSTITUTION TOTAL	1	195,126		
CITY TOTAL	1	195,126		
ARLINGTON				
ADVANCED COMPUTER TECHNIQUES CORP.				
1N01 LM23521-00	NOT AVAILABLE		DATABASE MANAGEMENT SYSTEM	108,048
INSTITUTION TOTAL	1	108,048		
CITY TOTAL	1	108,048		
FAIRFAX				
ROBERT L. RUSH, INC.				
1N01 NS22315-00	RUSH, ROBERT L		FRONT END MICROPROCESSOR SUPPORT FOR DATA BANK PROJECTS	30,000
INSTITUTION TOTAL	1	30,000		
CITY TOTAL	1	30,000		
FALLS CHURCH				
MANDEX, INC.				
1N01 AM22218-00	WILLIAMS, RALPH O		SUPPORT SERVICES TO DIABETES COORDINATING COMMITTEE	17,521
1N01 HO27003-00	WILLIAMS, RALPH O		DIFFUSION STRATEGIES AMONG CULTURALLY DIVERSE POPULATION	249,983
INSTITUTION TOTAL	2	267,504		
CITY TOTAL	2	267,504		
MC LEAN				
HONEYWELL--INFORMATION SYSTEMS, INC.				
1N01 CL22131-00	NOT AVAILABLE		MAINTAIN A CLINICAL LABORATORY INFORMATION SYSTEM	98,284
INSTITUTION TOTAL	1	98,284		
CITY TOTAL	1	98,284		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA				
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1N01 HV28008-00	RICHARDSON, DAVID W		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	3,044
INSTITUTION TOTAL	1	3,044		
CITY TOTAL	1	3,044		
ROANOKE				
ROANOKE MEMORIAL HOSPITALS				
1N01 CN25003-00	CROCKETT, CHARLES L, JR		COMMUNITY HOSPITAL ONCOLOGY PROGRAM	178,595
INSTITUTION TOTAL	1	178,595		
CITY TOTAL	1	178,595		
SPRINGFIELD				
REVLON, INC.--MELOY LABORATORIES				
1N01 CP25613-00	CICMANEC, JOHN		TUMOR PROMOTION IN PRIMATES (CYNOMOLGUS)	116,793
INSTITUTION TOTAL	1	116,793		
CITY TOTAL	1	116,793		
VIENNA				
HAZLETON LABORATORIES CORPORATION				
1N01 HD22823-00	BEAUDRY, NORMAN		PREPARATION OF GONADAL CELLS AND CELL FRACTIONS	140,487
INSTITUTION TOTAL	1	140,487		
CITY TOTAL	1	140,487		
STATE TOTAL	10	1,137,881		
WASHINGTON				
SEATTLE				
BATTELLE MEMORIAL INSTITUTE				
1N01 NS22311-00	OLSEN, ANTHONY R		USERS GUIDE TO THE COLLABORATIVE PERINATAL PROJECT	248,495
INSTITUTION TOTAL	1	248,495		
UNIVERSITY OF WASHINGTON				
1N01 HV28004-00	FISHER, LLOYD D		COORDINATING CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	225,874
1N01 HD22821-00	MOORE, DONALD E		CLINICAL TRIALS OF A NEW COMBINATION ORAL CONTRACEPTIVE	137,298

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1N01 HV28008-00	RICHARDSON, DAVID W	CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	3,044
INSTITUTION TOTAL	1	3,044	
CITY TOTAL	1	3,044	
ROANOKE			
ROANOKE MEMORIAL HOSPITALS			
1N01 CN25003-00	CROCKETT, CHARLES L, JR	COMMUNITY HOSPITAL ONCOLOGY PROGRAM	178,595
INSTITUTION TOTAL	1	178,595	
CITY TOTAL	1	178,595	
SPRINGFIELD			
REVLON, INC.--MELOY LABORATORIES			
1N01 CP25613-00	CICMANEC, JOHN	TUMOR PROMOTION IN PRIMATES (CYNOMOLGUS)	116,793
INSTITUTION TOTAL	1	116,793	
CITY TOTAL	1	116,793	
VIENNA			
HAZLETON LABORATORIES CORPORATION			
1N01 HD22823-00	BEAUDRY, NORMAN	PREPARATION OF GONADAL CELLS AND CELL FRACTIONS	140,487
INSTITUTION TOTAL	1	140,487	
CITY TOTAL	1	140,487	
STATE TOTAL	10	1,137,881	
WASHINGTON			
SEATTLE			
BATTELLE MEMORIAL INSTITUTE			
1N01 NS22311-00	OLSEN, ANTHONY R	USERS GUIDE TO THE COLLABORATIVE PERINATAL PROJECT	248,495
INSTITUTION TOTAL	1	248,495	
UNIVERSITY OF WASHINGTON			
1N01 HV28004-00	FISHER, LLOYD D	COORDINATING CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	225,874
1N01 HD22821-00	MOORE, DONALD E	CLINICAL TRIALS OF A NEW COMBINATION ORAL CONTRACEPTIVE	137,298

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1N01 LM23515-00	OPPENHEIMER, GERALD		REGIONAL MEDICAL LIBRARY SERVICES	336,106
1N01 HV28002-00	WHITE, MAURICE A		THERMAL VENTRICULAR ASSIST SYSTEM	1,003,924
INSTITUTION TOTAL	4	1,703,202		
CITY TOTAL	5	1,951,697		
STATE TOTAL	5	1,951,697		
WEST VIRGINIA				
MORGANTOWN				
WEST VIRGINIA UNIVERSITY				
1N01 AM22217-00	WINSTON, ANTHONY		PREPARATION OF IRON CHELATING AGENTS FOR COOLEY'S ANEMIA	73,252
INSTITUTION TOTAL	1	73,252		
CITY TOTAL	1	73,252		
STATE TOTAL	1	73,252		
WISCONSIN				
MADISON				
HARLAN INDUSTRIES--HARLAN SPRAGUE-DAWLEY INDUSTRIES				
1N01 CM23911-00	DAVIS, THOMAS W		ANIMAL PRODUCTION AT THE NCI FREDERICK FACILITY	621,443
INSTITUTION TOTAL	1	621,443		
CITY TOTAL	1	621,443		
MILWAUKEE				
MOUNT SINAI MEDICAL CENTER				
1N01 AI22669-00	BORTIN, MORTIMER M		INTERNATIONAL BONE MARROW TRANSPLANT REGISTRY	100,000
INSTITUTION TOTAL	1	100,000		
CITY TOTAL	1	100,000		
STATE TOTAL	2	721,443		
CANADA				
MONTREAL				
MONTREAL HEART INSTITUTE				
1N01 HV28009-00	THEROUX, PIERRE A		CLINICAL CENTER FOR CARDIAC ARRHYTHMIA PILOT STUDY	10,667
INSTITUTION TOTAL	1	10,667		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	10,667	
CANADA			
OTTAWA			
BAILEY AND ROSE LTD.			
1N01 LM23516-00	BUAJITTI, KEITH E	SYSTEM DESIGN OF THE FRONT END INDEXING PROJECT	19,910
1N01 LM23513-00	NOT AVAILABLE	PROVIDE AUTOMATIC DATA PROCESSING	1,205,178
INSTITUTION TOTAL	2	1,225,088	
CITY TOTAL	2	1,225,088	
STATE TOTAL	3	1,235,755	
CHINA			
PEKING			
CHINESE ACADEMY OF MEDICAL SCIENCES--ONCOLOGY INSTITUTE			
1N01 CP21012-00	PING, LI	COLLABORATIVE EPIDEMIOLOGIC CANCER RESEARCH IN CHINA	195,000
INSTITUTION TOTAL	1	195,000	
CITY TOTAL	1	195,000	
STATE TOTAL	1	195,000	
FRANCE			
LYON			
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER			
1N01 DS22130-00	CASTEGNARO, M	PREPARE LABORATORY CHEMICAL WASTE SAFETY MONOGRAPHS	196,510
INSTITUTION TOTAL	1	196,510	
CITY TOTAL	1	196,510	
STATE TOTAL	1	196,510	
UNITED KINGDOM			
EDINBURGH			
INVERESK RESEARCH INTERNATIONAL			
1N01 ES28037-00	MCGREGOR, DOUGLAS	MOUSE LYMPHOMA BIOASSAY	272,364
INSTITUTION TOTAL	1	272,364	
CITY TOTAL	1	272,364	
STATE TOTAL	1	272,364	

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
VENEZUELA				
MARACAIBO				
UNIVERSITY OF ZULIA				
1N01 NS00452-00	BONILLA, ERNESTO		STUDY SELECT GROUP OF HUNTINGTON'S DISEASE PATIENTS	45,000
INSTITUTION TOTAL	1	45,000		
CITY TOTAL	1	45,000		
STATE TOTAL	1	45,000		
TOTAL	127	42,472,688		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA				
LA JOLLA				
SCRIPPS CLINIC AND RESEARCH FOUNDATION				
1T32 AI07244-01	EDGINGTON, THOMAS S		PATHOGENESIS AND IMMUNOLOGY OF DISEASE	204,371
INSTITUTION TOTAL	1	204,371		
CITY TOTAL	1	204,371		
LOS ANGELES				
UNIVERSITY OF SOUTHERN CALIFORNIA				
1T32 GM08017-01	BERGMAN, RICHARD N		TRAINING IN SYSTEMS PHYSIOLOGY	23,112
1T32 AG00093-01	FINCH, CALEB E		TRAINING IN ENDOCRINOLOGY AND NEUROBIOLOGY OF AGING	110,559
INSTITUTION TOTAL	2	133,671		
CITY TOTAL	2	133,671		
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1T32 EY07081-01	COPENHAGEN, DAVID R		VISION RESEARCH TRAINING PROGRAM	37,007
INSTITUTION TOTAL	1	37,007		
CITY TOTAL	1	37,007		
TORRANCE				
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER				
1T32 HD07245-01	IMAGAWA, DAVID T		CHILD HEALTH AND DEVELOPMENTAL BIOLOGY	87,890
INSTITUTION TOTAL	1	87,890		
CITY TOTAL	1	87,890		
STATE TOTAL	5	462,939		
COLORADO				
DENVER				
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER				
1T32 AM07446-01	OLEFSKY, JERROLD M		TRAINING PROGRAM IN DIABETES, ENDOCRINOLOGY & METABOLISM	41,751
INSTITUTION TOTAL	1	41,751		
CITY TOTAL	1	41,751		
STATE TOTAL	1	41,751		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1T35 DE07136-01	ROSSOMANDO, EDWARD F	DENTAL RESEARCH	14,126
INSTITUTION TOTAL	1	14,126	
CITY TOTAL	1	14,126	
STATE TOTAL	1	14,126	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1T32 DE07133-01	MELAMED, BARBARA G	BEHAVIORAL RESEARCH TRAINING IN DENTISTRY	44,244
INSTITUTION TOTAL	1	44,244	
CITY TOTAL	1	44,244	
STATE TOTAL	1	44,244	
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
1T32 ES07124-01	NARAHASHI, TOSHIO	TRAINING IN ENVIRONMENTAL TOXICOLOGY AND PATHOLOGY	38,526
INSTITUTION TOTAL	1	38,526	
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
1T32 CA09432-01	DAS GUPTA, TAPAS K	SURGICAL ONCOLOGY	44,552
INSTITUTION TOTAL	1	44,552	
CITY TOTAL	2	83,078	
STATE TOTAL	2	83,078	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
1T32 AM07449-01	HARRISON, DAVID E	EXPERIMENTAL HEMATOLOGY	61,600
INSTITUTION TOTAL	1	61,600	
CITY TOTAL	1	61,600	
STATE TOTAL	1	61,600	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1T32 AI07247-01	ISHIZAKA, KIMISHIGE		CELLULAR & MOLECULAR MECH OF INFLAMMATORY REACTIONS	54,749
1T32 HL07534-01	MENKES, HAROLD		MULTIDISCIPLINARY TRAINING PROGRAM IN LUNG DISEASES	377,312
INSTITUTION TOTAL	2	432,061		
MORGAN STATE UNIVERSITY				
1T34 GM07977-01	PAYTON, CECIL W		UNDERGRADUATE RESEARCH TRAINING PROGRAM	128,404
INSTITUTION TOTAL	1	128,404		
CITY TOTAL	3	560,465		
STATE TOTAL	3	560,465		
MASSACHUSETTS				
BOSTON				
CHILDREN'S HOSPITAL MEDICAL CENTER				
1T32 HD07230-01A1	ANAST, CONSTANTINE S		RESEARCH IN DEVELOPMENTAL ENDOCRINOLOGY & METABOLISM	68,170
INSTITUTION TOTAL	1	68,170		
MASSACHUSETTS GENERAL HOSPITAL				
1T32 HL07535-01	WEYMAN, ARTHUR E		NON-INVASIVE CARDIAC IMAGING	51,004
INSTITUTION TOTAL	1	51,004		
CITY TOTAL	2	119,174		
CAMBRIDGE				
MASSACHUSETTS INSTITUTE OF TECHNOLOGY				
1T32 CA09447-01	BROWNELL, GORDON L		RADIOLOGICAL SCIENCE GRADUATE PROGRAM	37,904
INSTITUTION TOTAL	1	37,904		
CITY TOTAL	1	37,904		
STATE TOTAL	3	157,078		
MICHIGAN				
DETROIT				
WAYNE STATE UNIVERSITY				
1T34 GM08030-01	JAY, JAMES M		WAYNE STATE UNIVERSITY MARC UNDERGRADUATE PROGRAM	82,131
INSTITUTION TOTAL	1	82,131		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CITY TOTAL	1	82,131		
STATE TOTAL	1	82,131		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1T32 CA09445-01	NESBIT, MARK E		PEDIATRIC ONCOLOGY TRAINING PROGRAM	66,129
INSTITUTION TOTAL	1	66,129		
CITY TOTAL	1	66,129		
STATE TOTAL	1	66,129		
NEW YORK				
ITHACA				
CORNELL UNIVERSITY ITHACA				
1T32 ES07105-01A1	LEWIS, ROBERT M		ENVIRONMENTAL PATHOLOGY TRAINING PROGRAM	54,291
INSTITUTION TOTAL	1	54,291		
CITY TOTAL	1	54,291		
STATE TOTAL	1	54,291		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
1T32 AI07240-01	AMOS, DENNIS B		FUNDAMENTAL AND APPLIED IMMUNOLOGY	202,632
1T32 HL07538-01	CRAPO, JAMES D		INTERDISCIPLINARY TRAINING PROGRAM IN LUNG DISEASE	81,082
INSTITUTION TOTAL	2	283,714		
CITY TOTAL	2	283,714		
STATE TOTAL	2	283,714		
OHIO				
WILBERFORCE				
CENTRAL STATE UNIVERSITY				
1T34 GM08007-01	WASHINGTON, WILLIE J		AN INTERDISCIPLINARY APPROACH TO BIOMEDICAL TRAINING	55,288
INSTITUTION TOTAL	1	55,288		
CITY TOTAL	1	55,288		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
STATE TOTAL	1	55,288	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1T32 HL07524-01A1	SAID, SAMI I	PULMONARY BIOLOGY AND MEDICINE TRAINING PROGRAM	42,958
INSTITUTION TOTAL	1	42,958	
CITY TOTAL	1	42,958	
STATE TOTAL	1	42,958	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
1T32 CA09435-01	LANZL, LAWRENCE H	DIET MODULATION AND CANCER IN ANIMALS AND MAN	26,674
INSTITUTION TOTAL	1	26,674	
CITY TOTAL	1	26,674	
STATE TOTAL	1	26,674	
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1T32 CA09430-01	MULLEN, JAMES L	CANCER AND NUTRITION	119,096
1T32 AM07442-01	ZURIER, ROBERT B	RHEUMATIC DISEASES	39,891
INSTITUTION TOTAL	2	158,987	
CITY TOTAL	2	158,987	
STATE TOTAL	2	158,987	
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
1T32 AI07238-01	BEACHEY, EDWIN H	INFECTIOUS DISEASES, MICROBIOLOGY, AND IMMUNOLOGY	90,080
INSTITUTION TOTAL	1	90,080	
CITY TOTAL	1	90,080	
STATE TOTAL	1	90,080	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
UTAH				
SALT LAKE CITY				
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH				
1T32 NS07216-01	JACOBSON, MARCUS		DEVELOPMENT AND GENETICS OF NEURAL SYSTEMS	36,958
1T32 AM07451-01	NELSON, DON H		TRAINING GRANT IN ENDOCRINOLOGY AND METABOLISM	42,351
INSTITUTION TOTAL	2	79,309		
CITY TOTAL	2	79,309		
STATE TOTAL	2	79,309		
VIRGINIA				
RICHMOND				
VIRGINIA COMMONWEALTH UNIVERSITY				
1T32 AM07428-01A1	BLACKARD, WILLIAM G		RESEARCH TRAINING IN METABOLISM	39,191
1T32 HL07537-01	BRIGGS, F NORMAN		CARDIOVASCULAR INJURY MECHANISMS	99,300
INSTITUTION TOTAL	2	138,491		
CITY TOTAL	2	138,491		
STATE TOTAL	2	138,491		
WASHINGTON				
SEATTLE				
UNIVERSITY OF WASHINGTON				
1T32 CA09437-01	LOEB, LAWRENCE A		MOLECULAR TRAINING PROGRAM IN CANCER RESEARCH	128,896
1T32 RR07019-01	VAN HOOSIER, GERALD L, JR		COMPARATIVE MEDICAL TRAINING PROGRAM	62,914
INSTITUTION TOTAL	2	191,810		
CITY TOTAL	2	191,810		
STATE TOTAL	2	191,810		
TOTAL	34	2,695,143		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
ALABAMA		
BIRMINGHAM		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM		
1F32 RR05018-01	JULIANA, M MARGARET	PULMONARY DISEASES
1F05 TW03235-01	WILLIAMSON, SHANE I	MOLECULAR BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
UNIVERSITY		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN UNIVERSITY		
1F34 GM09006-01	SINGH, JARNAIL	TERATOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
ARIZONA		
TUCSON		
UNIVERSITY OF ARIZONA		
1F32 AM07063-01	BEUCHAT, CAROL A	PHYSIOLOGY
1F32 HL06646-01	LEVITT, BLANCHE	PHARMACOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
CALIFORNIA		
BERKELEY		
UNIVERSITY OF CALIFORNIA AT BERKELEY		
1F32 AI06753-01	BLAIR, LINDLEY C	BIOCHEMISTRY
1F32 CA07158-01	CARTER, VIRGINIA C	GENETICS
1F32 AM07036-01	LA PORTE, DAVID C	BIOCHEMISTRY
1F32 GM08864-01	MORGAN, ROBIN W	MUTAGENESIS
INSTITUTION TOTAL	4	
CITY TOTAL	4	
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1F32 GM09223-01	ROE, RICHARD M	ENTOMOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1F32 EY05657-01	ROGERS, JOHN M	NUTRITION
1F32 EY05670-01	SHOOK, BRENDA L	EXPERIMENTAL AND GENERAL PSYCHOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
IRVINE		
UNIVERSITY OF CALIFORNIA AT IRVINE		
1F32 GM08513-01	JAVOIS, LORETTE C	CELL BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
LA JOLLA		
SALK INSTITUTE FOR BIOLOGICAL STUDIES		
1F32 GM09249-01A1	DE CINO, PAIGE A	NEURO/MUSCULAR PHYSIOLOGY
1F32 NS07054-01	LEVINE, JOEL M	IMMUNOLOGY
INSTITUTION TOTAL	2	
SCRIPPS CLINIC AND RESEARCH FOUNDATION		
1F32 CA07222-01	HARPER, JOHN R	IMMUNOLOGY
INSTITUTION TOTAL	1	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1F32 CA07146-01	CHEAH, SIN-CHYE	PEDIATRICS
1F32 AM06707-01	CRIVELLO, JOSEPH F	CELL BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	5	
LOS ANGELES		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1F32 CA07144-01	CHEN, IRVIN S	INTERNAL MEDICINE
1F32 HD06332-01	CONDON, TIMOTHY P	REPRODUCTIVE PHYSIOLOGY
1F05 TW03195-01	RUDELSTORFER, RUDI C	ENERGY EXCHANGE
1F32 AI06729-01	STAVEREN, ANNE M	IMMUNOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
PALO ALTO		
PALO ALTO MEDICAL RESEARCH FOUNDATION		
1F32 AI06723-01	MC CABE, ROBERT E	PARASITOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PASADENA		
CALIFORNIA INSTITUTE OF TECHNOLOGY		
1F32 HL06655-01	BOND, VINCENT C	BIOLOGY
1F32 GM09125-01	BRANDT, CURTIS R	GENETICS
1F32 CA06971-01	DREW, HORACE R	BIOPHYSICS
1F32 GM09157-01	GARFINKEL, LEONARD I	GENETICS
1F32 GM09100-01	MOON, RANDALL T	MOLECULAR BIOLOGY
1F32 NS07143-01	ZABRECKY, JAMES R	BIOCHEMISTRY
INSTITUTION TOTAL	6	
CITY TOTAL	6	
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1F32 AG05291-01	BLIWISE, NANCY G	DEVELOPMENTAL AND CHILD PSYCHOLOGY
1F32 GM09036-01	CANTOR, ROBERT S	MEDICINAL/PHARMACEUTICAL CHEMISTRY
1F32 CA07167-01	DENISON, RICHARD A	QUANTITATIVE GENETICS
1F05 TW03270-01	GRUENBAUM, YOSEF	BIOCHEMISTRY
1F32 AM07053-01	KELLER-WOOD, MAUREEN E	ENDOCRINOLOGY
1F32 AM06407-01A1	WOOD, CHARLES E	ENDOCRINOLOGY
INSTITUTION TOTAL	6	
CITY TOTAL	6	
SANTA CRUZ		
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ		
1F32 HD06363-01A1	SOARES, MICHAEL J	BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STANFORD		
STANFORD UNIVERSITY		
1F32 AM07068-01	BREWER, LINDA A	MOLECULAR BIOLOGY

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
STANFORD		
STANFORD UNIVERSITY		
1F32 HL06668-01	EFFRON, MARC K	CARDIOVASCULAR DISEASES
1F32 NS06855-01A1	FEINSTEIN, STUART C	NEUROBIOLOGY
1F33 CA07181-01	FRANKEL, FRED R	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 GM09151-01	LANDICK, ROBERT C	GENETICS
1F32 AI06751-01	MANLY, SUSAN P	BIOCHEMISTRY
1F32 CA07221-01	MILLER, ROGER H	VIROLOGY
1F05 TW03189-01	MORGAN, MARK A	PSYCHIATRY/ALCOHOLISM
1F32 AM06903-01	PIERCE, WILLIAM M, JR	PHARMACOLOGY
1F32 AI06589-01A1	POLOGE, LAURA G	IMMUNOLOGY
1F32 HD06329-01	PONTE, PHYLLIS A	GENETICS
1F05 TW03212-01	PURE, GLENN A	PATHOLOGY
1F32 EY05632-01	SHOTWELL, SANDRA L	FETAL DEVELOPMENT
1F32 HD06453-01	STOPAK, DAVID	DEVELOPMENTAL BIOLOGY
1F32 AI06698-01	SUKHATME, VIKAS P	CELL DIVISION
1F32 HD06130-01A1	WILSON, DARRELL M	ENDOCRINOLOGY
1F32 EY05610-01	YAMANAKA, GREGORY A	PHYSIOLOGY
INSTITUTION TOTAL	17	
CITY TOTAL	17	
TORRANCE		
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER		
1F33 AI06764-01	CRANDALL, MARJORIE K	MYCOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	49	
COLORADO		
BOULDER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER		
1F32 GM09149-01	MILLER, ERIC S	GENETICS
1F32 GM09199-01	SHARP, JANICE K	GENETICS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER		
1F32 HL06641-01	BENEDETTI, ROBERT G	RENAL DISEASES

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER		
1F32 AM07058-01	DILLINGHAM, MARK A	RENAL DISEASES
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	4	
CONNECTICUT		
FARMINGTON		
UNIVERSITY OF CONNECTICUT HEALTH CENTER		
1F32 DE05337-01	DELANEY, JAYNE E	PERIODONTIA
1F32 GM09197-01	HEINEMANN, FRANCIS S	MOLECULAR BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
NEW HAVEN		
YALE UNIVERSITY		
1F32 GM09184-01	ANDERSON, RICHARD A	MOLECULAR BIOLOGY
1F32 GM09148-01	ARES, MANUEL	GENETICS
1F05 TW03223-01	BOURGEOIS, JEAN-PIERRE	NEUROANATOMY
1F32 GM09173-01	BROWN, WILLIAM J	CELL BIOLOGY
1F32 AI06784-01	DUCEMAN, BARRY W	GENETICS
1F32 AM07061-01	KREUTTER, DAVID K	BIOCHEMISTRY
1F32 NS06658-01A1	LEWIS, ROBERT M	BIOCHEMISTRY
1F32 AM07062-01	SIEBENS, ARTHUR W	PHYSIOLOGY
1F05 TW03268-01	STOW, JENNIFER L	FINE STRUCTURE CELL BIOLOGY
INSTITUTION TOTAL	9	
CITY TOTAL	9	
STATE TOTAL	11	
DIST OF COL		
WASHINGTON		
GEORGETOWN UNIVERSITY		
1F32 HL06620-01	REESE, JAMES B	BIOCHEMISTRY
INSTITUTION TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
DIST OF COL		
WASHINGTON		
HOWARD UNIVERSITY		
1F34 GM09069-01	JONES, POCAHONTAS S	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	2	
STATE TOTAL	2	
FLORIDA		
GAINESVILLE		
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA		
1F34 GM09227-01	ANDINO-PADILLA, MARTA M	INORGANIC CHEMISTRY
1F32 AM07052-01	WINTER, WILLIAM E	IMMUNOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
GEORGIA		
ATHENS		
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA		
1F32 GM09187-01	GANTT, JAMES S	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
ATLANTA		
EMORY UNIVERSITY		
1F32 EY05658-01	NEWMAN, PHILIP E	OPHTHALMOLOGY
1F32 AM06859-01	PEMBER, STEPHEN O	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY		
1F32 HD06262-01	BARNES, RICHARD D	COMMUNITY AND ECOLOGICAL PSYCHOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	3	
STATE TOTAL	4	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
ILLINOIS		
CHICAGO		
NORTHWESTERN UNIVERSITY		
1F32 AM07008-01	BUCHANAN, THOMAS A	DIABETES
INSTITUTION TOTAL	1	
UNIVERSITY OF CHICAGO		
1F05 TW03169-01	LANDA, CARLOS A	BIOLOGY
INSTITUTION TOTAL	1	
UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER		
1F32 HL06642-01	DOYLE, DONALD D	BIOCHEMISTRY
1F32 DE05350-01	FRANKS, HERSCHEL A	ANATOMY
1F32 AI06728-01	GLEASON, KRISTINE S	IMMUNOLOGY
1F32 AI06719-01	MARSHALL, PAUL J	BIOCHEMISTRY
1F32 ES05264-01	TOMASEK, PAUL H	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY
1F32 GM09064-01	WARREN, STEPHEN T	GENETICS
INSTITUTION TOTAL	6	
CITY TOTAL	8	
EVANSTON		
NORTHWESTERN UNIVERSITY		
1F32 AM07018-01	STEVENS, PRISCILLA W	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	9	
INDIANA		
WEST LAFAYETTE		
PURDUE UNIVERSITY WEST LAFAYETTE		
1F32 GM09241-01	BOSTON, REBECCA S	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1F32 HD06438-01	NAKAMURA, KENNETH T	PEDIATRICS
1F32 HL06672-01	TAYLOR, ANNE L	INTERNAL MEDICINE
1F32 HL06671-01	WERBER, ANDREW H	HEMATOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
LOUISIANA		
NEW ORLEANS		
TULANE UNIVERSITY OF LOUISIANA		
1F06 TW00702-01	GUTH, PAUL S	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1F32 GM07965-01A2	ARMANT, DAVID R	MOLECULAR BIOLOGY
1F32 GM08988-01	COOPER, JOHN A	MOLECULAR BIOLOGY
1F32 HD06452-01	JUNIEWICZ, PAUL E	BIOLOGY
1F05 TW03257-01	MANFIELD, BRIAN C	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 ES05271-01	MORRIS, SHELDON L	ENVIRONMENTAL TOXICOLOGY
1F32 HD06433-01	PERREAULT, SALLY D	REPRODUCTIVE PHYSIOLOGY
INSTITUTION TOTAL	6	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE		
1F05 TW03266-01	SCOFANO, HELENA M	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	7	
BETHESDA		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH		
1F32 NS07002-01A1	ALDERSON, RALPH F	ANATOMY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MARYLAND		
BETHESDA		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH		
1F05 TW03205-01	DJURICIC, BOGDAN M	NEUROBIOLOGY
1F32 HD06319-01	FARIS, RONALD A	PHARMACOLOGY
1F32 AM07021-01	FLANAGAN, MARGARET A	BIOCHEMISTRY
1F15 TW00255-01	HEPPEL, LEON A	MEMBRANE TRANSPORT
1F32 DE05346-01	INAMINE, JULIA M	MICROBIOLOGY
1F32 AM07078-01	LOEKEN, MARY R	ENDOCRINOLOGY
1F32 NS07044-01	REDMANN, GREG A	BIOPHYSICS
1F05 TW03287-01	SCHOENBERG, BRUCE	EPIDEMIOLOGY
1F15 TW00254-01	TALWAR, G P	IMMUNOLOGY
1F05 TW03289-01	YU, LIYUN	PHARMACOLOGY
1F32 GM09078-01	ZIMMERBERG, JOSHUA	MOLECULAR BIOLOGY
INSTITUTION TOTAL	12	
CITY TOTAL	12	
STATE TOTAL	19	
MASSACHUSETTS		
BOSTON		
BRIGHAM AND WOMEN'S HOSPITAL--BOSTON HOSPITAL FOR WOMEN		
1F32 HL06656-01	JOSE, JAMES H	PEDIATRICS
INSTITUTION TOTAL	1	
BRIGHAM AND WOMEN'S HOSPITAL--PETER BENT BRIGHAM HOSPITAL		
1F32 HL06555-01	CLASTER, SUSAN	INTERNAL MEDICINE
1F32 HL06630-01	KIM, DONGHEE	PHARMACOLOGY
1F32 AM07012-01	MARCIAL, MANUEL A	BIOCHEMISTRY
INSTITUTION TOTAL	3	
CHILDREN'S HOSPITAL MEDICAL CENTER		
1F33 HL06675-01	BING, DAVID	MOLECULAR BIOLOGY
1F32 AM07072-01	CARPENTER, THOMAS O	ENDOCRINOLOGY
1F32 AM07060-01	KEY, L LYNDON, JR	METABOLIC DISEASES
1F32 AI06717-01	YOUNG, MICHAEL C	IMMUNOLOGY
INSTITUTION TOTAL	4	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION		
1F32 EY05626-01	GEGGEL, HARRY S	OPHTHALMOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
BOSTON		
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION		
1F32 EY05563-01A1	MARK, DAVID B	BIOPHYSICS
1F32 EY05641-01	MINKOWSKI, JOHN S	OPHTHALMOLOGY
1F32 EY05614-01	TRINKAUS-RANDALL, VICKERY E	CELL BIOLOGY
INSTITUTION TOTAL	4	
HARVARD UNIVERSITY		
1F32 AM07082-01	DORFLINGER, LANETA J	CLINICAL PHARMACOLOGY (THERAPEUTICS)
1F33 AM07079-01	MORRISON, GEORGE H	CHEMISTRY
1F32 AM06997-01	SULLIVAN, SUSAN J	ENDOCRINOLOGY
1F32 GM09159-01	WEIFFENBACH, BARBARA	GENETICS
INSTITUTION TOTAL	4	
MASSACHUSETTS GENERAL HOSPITAL		
1F06 TW00705-01	PHILBIN, DANIEL M	ANESTHESIOLOGY
1F32 AM07073-01	SPINDEL, ELIOT R	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
SIDNEY FARBER CANCER INSTITUTE		
1F32 CA07193-01	DOETSCH, PAUL W	CHEMICAL PHARMACOLOGY
1F32 CA07174-01	SPECK, SAMUEL H	MOLECULAR BIOLOGY
1F32 AM07024-01	STEINBERG, MARCIA M	BIOCHEMISTRY
INSTITUTION TOTAL	3	
TUFTS UNIVERSITY		
1F32 GM09235-01	ANDERSON, CHERYL B	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	22	
CAMBRIDGE		
HARVARD UNIVERSITY		
1F32 HL06714-01	CHIN, JEAN	BIOCHEMISTRY
1F32 GM09111-01	CROSSLAND, LYLE D	GENETICS
1F32 HD06405-01	GERSTENFELD, LOUIS C	BIOCHEMISTRY
1F32 GM09179-01	GREENBERG, MIRIAM L	GENETICS
1F32 GM09169-01	VELAZQUEZ, JOSE M	GENETICS
INSTITUTION TOTAL	5	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
CAMBRIDGE		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
1F32 GM08768-01	EDWARDS, MARY K	CYTOPATHOLOGY
1F32 HL06680-01	KOPITO, RON R	BIOLOGY
1F32 EY05673-01	LERCH, L BERNARD	BIOLOGY
1F32 GM09062-01	LEWIS, BARBARA A	MOLECULAR BIOLOGY
1F32 GM09177-01	LIVINGSTON, DAVID J	MOLECULAR BIOLOGY
1F33 NS07202-01	MACMILLAN, NEIL A	ELECTRICAL ENGINEERING
1F32 GM09224-01	OLEJNICZAK, EDWARD T	MOLECULAR BIOLOGY
1F32 GM09108-01	ROBERTS, JAMES E	MOLECULAR BIOLOGY
1F32 AI06713-01	SPECK, NANCY	CELL PHYSIOLOGY
1F32 GM09112-01	WALTERS, M ANTON	MOLECULAR BIOLOGY
INSTITUTION TOTAL	10	
CITY TOTAL	15	
SHREWSBURY		
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY		
1F32 HD06451-01	BORLAND, KERMIT M	ENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
WALTHAM		
BRANDEIS UNIVERSITY		
1F32 NS07056-01	HENRICH, VINCENT C	GENETICS
1F32 GM08686-01A1	HOWARD, WILLIAM D	MOLECULAR BIOLOGY
1F33 GM09082-01	RINGO, JOHN M	GENETICS
1F32 GM09093-01	ZEHRING, WILLIAM A	GENETICS
INSTITUTION TOTAL	4	
CITY TOTAL	4	
WORCESTER		
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER		
1F32 HL06667-01	CONKLIN, JEFFREY L	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	43	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1F32 AG05297-01	CHATTERS, LINDA M	DEVELOPMENTAL AND CHILD PSYCHOLOGY
1F32 AG05296-01	TAYLOR, ROBERT J	SOCIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
DETROIT		
WAYNE STATE UNIVERSITY		
1F05 TW03284-01	TAKAHASHI, KAORU	HEMATOLOGY/IMMUNOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
EAST LANSING		
MICHIGAN STATE UNIVERSITY		
1F32 HL06673-01	THOMPSON, CARL T	PHYSIOLOGY
1F32 HL06670-01	WANGLER, ROGER D	BIOCHEMISTRY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	5	
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1F32 AM06824-01	CASEY, CAROL A	BIOCHEMISTRY
1F05 TW03291-01	CHOU, SHELLEY	NEUROSURGERY
1F32 HL06663-01	FOLSOM, AARON R	PHYSIOLOGY
1F32 HL06645-01	KINGSLEY, PETER B	BIOCHEMISTRY
1F32 AM07003-01	PRUETT, TIMOTHY L	GASTROENTEROLOGY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
STATE TOTAL	5	
MISSOURI		
COLUMBIA		
UNIVERSITY OF MISSOURI-COLUMBIA		
1F32 DE05339-01	TURNER, JOHN T	PHARMACOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
INSTITUTION TOTAL	1	
CITY TOTAL	1	
MISSOURI		
SAINT LOUIS		
WASHINGTON UNIVERSITY		
1F32 AM07011-01	CONSTABLE, STEFAN H	PHYSIOLOGY
1F32 GM09142-01	EISSENBERG, LINDA J	MOLECULAR BIOLOGY
1F32 AI06652-01	LEE, DAVID R	IMMUNOLOGY
1F32 AM07025-01	LONG, JULIE A	ENDOCRINOLOGY
1F32 NS07096-01	MC CASLAND, JAMES S	NEUROBIOLOGY
1F32 AG05294-01	SEALS, DOUGLAS R	PREVENTIVE MEDICINE
1F32 AI06759-01	STEELE, NORMAN P	GENETICS
INSTITUTION TOTAL	7	
CITY TOTAL	7	
STATE TOTAL	8	
NEW JERSEY		
PRINCETON		
PRINCETON UNIVERSITY		
1F32 GM09180-01	MOHLER, JAMES P	GENETICS
1F32 GM09104-01	RAVA, RICHARD P	PHYSICAL CHEMISTRY
1F32 EY05620-01A1	SYMONDS, LAURA L	NEUROBIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
NEW YORK		
BUFFALO		
STATE UNIVERSITY OF NEW YORK AT BUFFALO		
1F06 TW00737-01	MIDDLETON, ELLIOTT, JR	CLINICAL PHARMACOLOGY (THERAPEUTICS)
1F32 DE05344-01	PIERCE, CALVIN J	EXPERIMENTAL AND GENERAL PSYCHOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
COLD SPRING HARBOR		
COLD SPRING HARBOR LABORATORY		
1F32 HD06432-01	KRANGEL, MICHAEL S	TERATOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
ITHACA		
CORNELL UNIVERSITY ITHACA		
1F32 GM09047-01	ANDERSON, VERNON E	MOLECULAR BIOLOGY
1F32 GM09127-01	HANSON, DEBORAH K	GENETICS
1F32 GM09061-01	SNYDER, BRIAN A	MOLECULAR BIOLOGY
1F32 GM09056-01	SWADESH, JOEL K	MOLECULAR BIOLOGY
1F32 AM07013-01	WURSTER, NANCY B	BIOCHEMISTRY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
NEW YORK		
BROOKDALE HOSPITAL MEDICAL CENTER		
1F32 AM07028-01	BLACKSTOCK, DALE G	RENAL DISEASES
INSTITUTION TOTAL	1	
COLUMBIA UNIVERSITY		
1F32 HL06705-01	GRAFF, MICHAEL A	PEDIATRICS
1F32 GM09200-01	HERZLINGER, DORIS A	MOLECULAR BIOLOGY
1F32 NS07008-01	HOSKINS, SALLY G	BIOCHEMISTRY
1F32 CA07148-01	KAHN, MICHAEL S	CHEMISTRY
1F32 GM09130-01	KEMPF, DALE J	ORGANIC CHEMISTRY
1F32 GM09109-01	MYERS, ALAN M	GENETICS
1F05 TW03185-01	STEIN, REUVEN	BIOLOGY
INSTITUTION TOTAL	7	
CORNELL UNIVERSITY MEDICAL CENTER		
1F32 GM09165-01	AUCOIN, DAVID P	PHARMACOLOGY
1F32 AM07029-01	SPEISER, PHYLLIS	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
NEW YORK UNIVERSITY		
1F32 GM09183-01	GOTTLIEB, THEODORE A	CELL BIOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
NEW YORK		
NEW YORK UNIVERSITY		
1F32 AM07045-01	HOROWITZ, ZEBULUN D	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
ROCKEFELLER UNIVERSITY		
1F32 HD06462-01	BALL, GREGORY F	PERSONALITY THEORY
1F32 HD06425-01	KAUFMAN, LAURA S	NEUROBIOLOGY
INSTITUTION TOTAL	2	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH		
1F32 HD06367-01	SEITZ, ANNA F	DEVELOPMENTAL GENETICS
INSTITUTION TOTAL	1	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER		
1F32 HD06488-01	BARON, SHERI A	BIOCHEMISTRY
INSTITUTION TOTAL	1	
YESHIVA UNIVERSITY		
1F05 TW03245-01	CZERNIAK BOGDAN, ALEKSANDER	PATHOLOGY
1F32 GM08549-01	NILES, WALTER D, II	MOLECULAR BIOLOGY
1F05 TW03178-01	O'MORAIN, COLM A	CLINICAL PATHOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	19	
ROCHESTER		
UNIVERSITY OF ROCHESTER		
1F32 HL06649-01	ARMER, ALAN A	PULMONARY DISEASES
1F05 TW03158-01	LU, KUO-SHYAN	PHYSIOLOGY
1F32 HD06463-01	THEOFAN, GEORGIA	RADIOBIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STONY BROOK		
STATE UNIVERSITY OF NEW YORK AT STONY BROOK		
1F32 EY05674-01	WELLER, ROSALYN E	NEUROBIOLOGY
INSTITUTION TOTAL	1	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CITY TOTAL	1	
NEW YORK		
VALHALLA		
NEW YORK MEDICAL COLLEGE		
1F32 NS07172-01	STOCKBRIDGE, NORMAN L	NEURO/MUSCULAR PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	32	
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1F32 HL06662-01	ALLEN, MICHAEL T	PSYCHIATRY
1F32 ES05274-01	HARRY, GAYLIA J	ENVIRONMENTAL TOXICOLOGY
1F32 GM09211-01	PEDERSEN, JOAN S	MOLECULAR BIOLOGY
1F32 AM07047-01	RUBIN, RICHARD A	PHARMACOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
DURHAM		
DUKE UNIVERSITY		
1F32 HL06648-01	DEITZ, JOEL L	GENERAL CLINICAL MEDICINE
1F32 AM07020-01	GANONG, BARRY R	BIOCHEMISTRY
1F32 NS07083-01	GILBERT, JOHNNY R	BIOCHEMISTRY
1F32 HL06638-01	SAMUELSON, WAYNE M	INTERNAL MEDICINE
1F32 HL06631-01	SIBLEY, DAVID R	BIOPHYSICS
INSTITUTION TOTAL	5	
CITY TOTAL	5	
STATE TOTAL	9	
OHIO		
CINCINNATI		
UNIVERSITY OF CINCINNATI AT CINCINNATI		
1F32 HL06450-01A1	GALLAVAN, ROBERT H, JR	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
OHIO		
CLEVELAND		
CASE WESTERN RESERVE UNIVERSITY		
1F32 AM06981-01	KAETZEL, DAVID M, JR	NUTRITION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
OREGON		
EUGENE		
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON		
1F32 NS07163-01	EISEN, JUDITH S	NEUROBIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PORTLAND		
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY		
1F06 TW00727-01	LA FRANCI, STEPHEN H	PEDIATRIC ENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
PENNSYLVANIA		
HERSHEY		
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER		
1F32 GM09120-01	HURT, DEBORAH J	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PHILADELPHIA		
CHILDREN'S HOSPITAL OF PHILADELPHIA		
1F32 AI06733-01	OFFIT, PAUL A	VIROLOGY
INSTITUTION TOTAL	1	

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
PENNSYLVANIA		
PHILADELPHIA		
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA		
1F32 HL06629-01	CURTIS, MARK T	PATHOLOGY
INSTITUTION TOTAL	1	
TEMPLE UNIVERSITY		
1F32 HL06637-01	MALINCONICO, SCOTT M	HEMATOLOGY
1F32 HL06547-01	PEACOCK, THOMAS E	IMMUNOLOGY
1F32 HL06626-01	PIXLEY, ROBIN A	HEMATOLOGY
INSTITUTION TOTAL	3	
UNIVERSITY OF PENNSYLVANIA		
1F32 HL06578-01	JACKSON, MICHAEL V	PULMONARY DISEASES
1F32 GM09212-01	JOHNSON, CAREY K	PHYSICAL CHEMISTRY
1F32 AM06926-01	MARKS, JAMES S	BIOCHEMISTRY
1F32 AM07069-01	MEGLASSON, MARTIN D	ENDOCRINOLOGY
1F32 HL06623-01	REYNOLDS, ELWOOD E	PHARMACOLOGY
1F06 TW00743-01	SHIP, IRWIN I	ORAL MEDICINE
1F32 DE05342-01	WHITAKER, EUGENE J	BACTERIOLOGY
INSTITUTION TOTAL	7	
CITY TOTAL	12	
UNIVERSITY PARK		
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK		
1F32 GM09114-01	DAUBNER, SUSAN C	GENETICS
1F32 GM09195-01	FITZPATRICK, PAUL F	BIOCHEMISTRY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	15	
TENNESSEE		
MEMPHIS		
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES		
1F32 HD06445-01	JOHNSON, MAHLON D	HORMONE/VITAMIN
INSTITUTION TOTAL	1	
CITY TOTAL	1	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
TENNESSEE		
NASHVILLE		
MEHARRY MEDICAL COLLEGE		
1F31 GM09095-01	JAMES, PAUL J	IMMUNOLOGY
INSTITUTION TOTAL	1	
VANDERBILT UNIVERSITY		
1F32 AM07016-01	CHU, ALICE	BIOCHEMISTRY
1F32 EY05608-01	HAIMES, HOWARD B	ANATOMY
1F32 HD06351-01	WALKER, LYNN S	DEVELOPMENTAL AND CHILD PSYCHOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	4	
STATE TOTAL	5	
TEXAS		
AUSTIN		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN		
1F32 HD06431-01	BLANK, JAMES L	ANIMAL PHYSIOLOGY
1F32 GM09131-01	BROWNING, KAREN S	GENETICS
1F32 AM06966-01	NORTON, KENNETH A	CHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
COLLEGE STATION		
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION		
1F32 HL06647-01	MEININGERF, GERALD A	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
DALLAS		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		
1F32 HL06660-01	DAVIS, CLAUDE G	BIOCHEMICAL AND MOLECULAR GENETICS
1F32 AM06945-01	KANE, MARY G	GASTROENTEROLOGY
1F32 GM09275-01	MOORE, RUSSELL L	PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
TEXAS		
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1F32 HL06635-01	CHEUNG, PETER P	CELL BIOLOGY
1F32 GM09070-01	DEAN, DOUGLAS C	GENETICS
1F33 EY05669-01	JOEL, CLIFFE D	OPHTHALMOLOGY
1F05 TW03159-01	MATTERA, RAFAEL	PATHOLOGY
1F32 AM06848-01	SIMMEN, FRANK A	GENETICS
1F32 GM09188-01	ZIMMER, DANNA B	MOLECULAR BIOLOGY
INSTITUTION TOTAL	6	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		
1F32 GM09226-01	GREENFIELD, ANNE R	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER		
1F33 HD06465-01	CHANNING, CORNELIA P	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	8	
SAN ANTONIO		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO		
1F34 GM09049-01	MILTON, SHIRLETTE A	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	16	
UTAH		
SALT LAKE CITY		
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH		
1F32 GM09198-01	BARTLETT, DESIREE L	MOLECULAR BIOLOGY
1F32 NS07055-01	CHANDLER, JOHN P	NEUROBIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1F06 TW00721-01	KRAKOFF, IRWIN H	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
VIRGINIA		
CHARLOTTESVILLE		
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE		
1F32 HL06634-01	LEE, BRYAN K	PHYSIOLOGY
1F05 TW03267-01	SCHETTINI, GENNARO	ENDOCRINOLOGY
1F32 HL06632-01	SINGER, HAROLD A	PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
1F32 NS07062-01	CARLTON, SUSAN M	ANATOMY
1F34 GM09103-01	HEDGEPETH, THELMA W	BIOSTATISTICS
1F32 NS06819-01A1	YOSHINO, JUN E	BIOCHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	6	
WASHINGTON		
PULLMAN		
WASHINGTON STATE UNIVERSITY		
1F06 TW00712-01	SCHROEDER, PAUL C	ZOOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
SEATTLE		
FRED HUTCHINSON CANCER RESEARCH CENTER		
1F32 GM09147-01	DANI, GINGER M	GENETICS

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
WASHINGTON		
SEATTLE		
FRED HUTCHINSON CANCER RESEARCH CENTER		
1F33 GM09119-01	GARRETT, REGINALD H	GENETICS
1F32 CA07191-01	PALMER, DOUGLAS K	MOLECULAR BIOLOGY
INSTITUTION TOTAL	3	
UNIVERSITY OF WASHINGTON		
1F32 HL06653-01	ANDREASEN, TERRENCE J	PHARMACOLOGY
1F32 AI06726-01	BURNS, JANE L	PEDIATRIC INFECTIOUS DISEASES
1F05 TW03211-01	FERRARIS, ANNA M	CARBOHYDRATE BIOCHEMISTRY
1F32 AM06983-01	FIGLEWICZ, DIANNE P	ENDOCRINOLOGY
1F05 TW03279-01	HIRAMATSU, KAZUKO	FINE STRUCTURE CELL BIOLOGY
1F32 GM09118-01	LEYTUS, STEVEN P	GENETICS
1F32 HD06421-01	WIGSTON, DONALD J	ZOOLOGY
INSTITUTION TOTAL	7	
CITY TOTAL	10	
STATE TOTAL	11	
WEST VIRGINIA		
MORGANTOWN		
WEST VIRGINIA UNIVERSITY		
1F32 AM07017-01	DE VITO, WILLIAM J	ENDOCRINOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1F32 NS07203-01	GREENBERG, STEVEN R	COMMUNICATIVE SCIENCES
1F32 AM07044-01	HELMER, BRADLEY J	BIOCHEMISTRY
1F32 HL06652-01	MC KEOWN-LONGO, PAULA J	INTERNAL MEDICINE
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
PUERTO RICO		
SAN JUAN		
UNIVERSITY OF PUERTO RICO RIO PIEDRAS		
1F34 GM09219-01	SANTIAGO DE WEIL, N	PARASITOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
CANADA		
HAMILTON		
MC MASTER UNIVERSITY		
1F32 NS07059-01	TRESSEL, PAUL S	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
TORONTO		
UNIVERSITY OF TORONTO		
1F32 CA07229-01	BECKER, RICHARD A	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
VANCOUVER		
UNIVERSITY OF BRITISH COLUMBIA		
1F32 HL06522-01	CASTELLINI, MICHAEL A	ZOOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
FRANCE		
PARIS		
UNIVERSITY OF PARIS VII		
1F33 GM09079-01	HASCHEMEYER, AUDREY E	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
GERMANY FED R		
HEIDELBERG		
RUPERT CHARLES UNIVERSITY OF HEIDELBERG		
1F32 HL06651-01	MIFFLIN, STEVEN W	GASTROINTESTINAL PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
SWEDEN		
UPPSALA		
UNIVERSITY OF UPPSALA		
1F33 HL06654-01	BORG, THOMAS K	CARDIOVASCULAR DISEASES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
SWITZERLAND		
BERN		
UNIVERSITY OF BERN		
1F32 HL06619-01	FALK, ROBIN T	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
UNITED KINGDOM		
CAMBRIDGE		
UNIVERSITY OF CAMBRIDGE		
1F32 EY05660-01	KERSTEN, DANIEL J	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
CARSHALTON		
MEDICAL RESEARCH COUNCIL		
1F32 NS07116-01	NIEHOFF, DEBRA L	PHARMACOLOGY
INSTITUTION TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CITY TOTAL	1	
UNITED KINGDOM		
LONDON		
UNIVERSITY OF LONDON		
1F33 AM07050-01	MENDELSON, ROBERT, JR	BIOPHYSICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
NOT STATED		
NOT AVAILABLE		
UNASSIGNED FELLOWSHIPS (NIGMS MARC)		
1F31 GM09137-01	DE SHAMBO, RENEE M	MICROBIOLOGY
1F34 GM09123-01	FRESQUEZ, CATALINA L	MOLECULAR BIOLOGY
1F34 GM09229-01	LOWE, LARRY L	MOLECULAR BIOLOGY
1F31 GM09029-01	OZ, ORHAN K	BIOPHYSICS
1F31 GM08741-01	PEREZ, FRANK M, JR	BIOLOGY
1F31 GM09094-01	VELLANOWETH, ROBERTO L	MOLECULAR BIOLOGY
1F31 GM08888-01	ZAKAT, MIKAL	CELL BIOLOGY
INSTITUTION TOTAL	7	
CITY TOTAL	7	
STATE TOTAL	7	
TOTAL	297	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
ALABAMA		
BIRMINGHAM		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN BIRMINGHAM		
1K04 AI00498-01	BRILES, DAVID E	MECHANISMS OF GENETIC DEFECTS IN DISEASE RESISTANCE
INSTITUTION TOTAL	1	
CITY TOTAL	1	
HUNTSVILLE		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN HUNTSVILLE		
1K04 AM01095-01	YOUNG, RONALD B	MYOSIN GENE EXPRESSION IN DYSTROPHIC MUSCLE CULTURES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
ARIZONA		
TUCSON		
UNIVERSITY OF ARIZONA		
1K04 HD00488-01	STOUFFER, RICHARD L	GONADOTROPIN RECEPTORS OF THE PRIMATE CORPUS LUTEUM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
CALIFORNIA		
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1K04 HD00470-01	NUCCITELLI, RICHARD L	ION CURRENTS IN FERTILIZATION AND EARLY DEVELOPMENT
INSTITUTION TOTAL	1	
CITY TOTAL	1	
LA JOLLA		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1K04 AM01083-01	GARLAND, CEDRIC	EPIDEMIOLOGY OF DIGESTIVE SYSTEM DISEASES
1K04 CA00804-01A1	HOFFMAN, ROBERT M	METHIONINE DEPENDENCE, METHYLATION AND ONCOGENESIS
1K08 AM01074-01	JONAS, ADAM J	LYSOSOMAL CYSTINE METABOLISM AND RENAL FANCONI SYNDROME
INSTITUTION TOTAL	3	
CITY TOTAL	3	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CALIFORNIA		
LOS ANGELES		
CHILDREN'S HOSPITAL OF LOS ANGELES		
1K01 AM01130-01	WARBURTON, DAVID	EFFECTS OF MATERNAL DIABETES MELLITUS ON THE FETAL LUNG
INSTITUTION TOTAL	1	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1K04 HL01072-01	FRANK, JOY S	ULTRASTRUCTURE OF MYOCARDIAL SARCOLEMMA
1K07 NS00702-01	NELSON, LOWELL G	EPR STUDIES OF MEMBRANES IN SEIZURE DISORDERS
1K08 AG00189-01	OUSLANDER, JOSEPH G	NATIONAL INSTITUTE ON AGING ACADEMIC AWARD
INSTITUTION TOTAL	3	
UNIVERSITY OF SOUTHERN CALIFORNIA		
1K04 AM01035-01	HSUEH, WILLA A	INACTIVE FORMS OF RENIN IN MAN--ARE THEY PRORENIN?
1K07 NS00727-01	MC CORMICK, GEORGES F	HYPOTHALAMIC REGULATION OF GROWTH HORMONE
INSTITUTION TOTAL	2	
CITY TOTAL	6	
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1K08 HD00481-01	COX, DAVID R	NICHD CLINICAL INVESTIGATOR AWARD--PEDIATRICS
1K04 CA00836-01	DAVIS, PETER L	TUMOR IMAGING BY NMR: PHYSICAL AND PHYSIOLOGICAL BASIS
1K08 HD00489-01	MC GREGOR, WILLIAM G	NICHD CLINICAL INVESTIGATOR AWARD--REPRODUCTIVE BIOLOGY
1K08 HL01048-01	WEISER, BARBARA	NHLBI CLINICAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	4	
CITY TOTAL	4	
STATE TOTAL	14	
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER		
1K04 AM01069-01	KOLHOUSE, JOHN F	THE METABOLIC ROLE OF COBALAMIN AND FOLATE IN MAMMALS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CONNECTICUT		
NEW HAVEN		
YALE UNIVERSITY		
1K04 HL01098-01	BENZ, EDWARD J, JR	NORMAL, THALASSEMIC AND LEUKEMIC GENE EXPRESSION
1K04 AM00991-01A1	LUCKY, ANNE W	AUTORADIOGRAPHIC LOCALIZATION OF ANDROGENS IN HAIR
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
FLORIDA		
GAINESVILLE		
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA		
1K07 AG00172-01	CARANASOS, GEORGE J	NIA GERIATRIC MEDICINE ACADEMIC AWARD
1K04 DE00115-01	CLARK, WILLIAM B	ABSORPTION OF PERIODONTOPATHOGENS IN DENTAL PLAQUE
1K08 HD00473-01	DEVANE, GARY W	NICHD CLINICAL INVESTIGATOR AWARD--OBSTETRICS & GYNECOL.
INSTITUTION TOTAL	3	
CITY TOTAL	3	
TALLAHASSEE		
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY		
1K04 AM01066-01	VANWART, HAROLD E	METALLOENZYMES AND COLLAGEN METABOLISM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	4	
GEORGIA		
ATHENS		
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA		
1K04 AM01038-01	DAILEY, HARRY A	TERMINAL ENZYMES OF THE HEME BIOSYNTHETIC PATHWAY
1K04 AM01076-01	PATTON, JOHN S	GASTROINTESTINAL DIGESTION AND ABSORPTION OF FATS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
ATLANTA		
EMORY UNIVERSITY		
1K04 AM01085-01	LAMBETH, JOHN D	ADRENAL CORTEX STEROIDOGENESIS: ENZYMOLOGY AND CONTROL
INSTITUTION TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CITY TOTAL	1	
STATE TOTAL	3	
ILLINOIS		
CARBONDALE		
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE		
1K04 AM01059-01	SCHEINER, STEVE	PROTON TRANSPORT MECHANISM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
CHICAGO		
MICHAEL REESE HOSPITAL AND MEDICAL CENTER		
1K04 NS00751-01	PELLIGRINO, DALE A	DIABETES, INSULIN AND BRAIN METABOLISM
INSTITUTION TOTAL	1	
NORTHWESTERN UNIVERSITY		
1K04 HL01091-01	ALLEN, ARLINE	INTERRELATED EFFECTS OF DIET ON BLOOD PRESSURE
INSTITUTION TOTAL	1	
CITY TOTAL	2	
STATE TOTAL	3	
INDIANA		
INDIANAPOLIS		
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS		
1K08 HL01041-01	ARMSTRONG, WILLIAM F	ECHOCARDIOGRAPHIC EVALUATION OF MYOCARDIAL FUNCTION
1K04 HL01089-01	BOHLEN, HAROLD G	MICROVASCULAR CHARACTERISTICS OF DIABETES MELLITUS
1K04 AM01089-01	ROACH, PETER J	HORMONAL CONTROL OF MUSCLE AND LIVER GLYCOGEN METABOLISM
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1K07 ES00118-01	ARNESON, RICHARD M	GLUTATHIONE PEROXIDASE AND TOXIC RADICAL STRESS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1K08 HL01046-01	HARRISON, DAVID G	CORONARY CIRCULATION IN LEFT VENTRICULAR FUNCTION
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
KANSAS		
KANSAS CITY		
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL		
1K04 AM01093-01	SAVIN, VIRGINIA J	ULTRAFILTRATION CHARACTERISTICS OF ISOLATED GLOMERULI
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
KENTUCKY		
LEXINGTON		
UNIVERSITY OF KENTUCKY		
1K07 NS00732-01	SLEVIN, JOHN T	ETIOLOGY OF L-GLUTAMATE IN KINDLING MODEL OF EPILEPSY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
LOUISIANA		
SHREVEPORT		
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT		
1K04 HL01069-01	PREWITT, RUSSELL L, JR	MICROVASCULAR ALTERATIONS IN HYPERTENSION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1K08 HL01028-01	BRIN, KENNETH P	NHBLI CLINICAL INVESTIGATOR AWARD PROGRAM

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1K07 NS00721-01	GORDON, BARRY	STUDY OF HUMAN MEMORY DISORDERS AND DRUG EFFECTS
1K04 AM00958-01	PHILLIPS, JOHN A, III	STUDIES OF GROWTH HORMONE AND GLOBIN GENE EXPRESSION
1K07 NS00725-01	SERVER, ALFRED C	MOLECULAR MECHANISMS OF MUMPS VIRUS PATHOGENESIS
1K04 CA00697-01A1	SHANE, BARRY	REGULATION OF FOLATE POLY-Y-GLUTAMATE SYNTHESIS
INSTITUTION TOTAL	5	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE		
1K04 NS00731-01	SELMANOFF, MICHAEL K	TUBEROINFUNDIBULAR DOPAMINE NEURONS AND PROLACTIN
INSTITUTION TOTAL	1	
CITY TOTAL	6	
COLLEGE PARK		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS		
1K04 ES00111-01	DUNAWAY-MARIANO, DEBRA	MECHANISTIC ENZYMOLOGY: PHOSPHORYL TRANSFER REACTIONS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	7	
MASSACHUSETTS		
BOSTON		
BETH ISRAEL HOSPITAL		
1K08 AG00190-01	GERHART, TOBIN N	ACADEMIC AWARD
1K08 HL01030-01	WEINSTEIN, ROBERT	NHBLI CLINICAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	2	
BOSTON UNIVERSITY		
1K01 AM01114-01	WEXLER, LAURA F	DIABETES MELLITUS: EFFECT ON MYOCARDIAL INFARCTION
INSTITUTION TOTAL	1	
BRIGHAM AND WOMEN'S HOSPITAL--PETER BENT BRIGHAM HOSPITAL		
1K08 HL01051-01	ADELMAN, BURT A	NHBLI CLINICAL INVESTIGATOR AWARD PROGRAM
1K08 HL01045-01	GANZ, PETER	NHLBI CLINICAL INVESTIGATOR AWARD PROGRAM
1K04 HL01076-01	MC DONALD, MELISENDA J	SUBUNIT ASSEMBLY OF HUMAN HEMOGLOBINS
INSTITUTION TOTAL	3	

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MASSACHUSETTS		
BOSTON		
CHILDREN'S HOSPITAL MEDICAL CENTER		
1K07 NS00747-01	ABEND, WILLIAM K	KINEMATIC AND CELLULAR STUDIES OF MOTOR CONTROL
INSTITUTION TOTAL	1	
HARVARD UNIVERSITY		
1K04 AG00187-01	DICE, JAMES F, JR	PROTEIN DEGRADATION IN AGING HUMAN FIBROBLASTS
INSTITUTION TOTAL	1	
MASSACHUSETTS GENERAL HOSPITAL		
1K04 CA00848-01	BRADY, THOMAS J	IN-VIVO NMR IMAGING AND SPECTROMETER STUDIES OF TUMORS
1K08 HL01063-01	LIND, STUART E	NHLBI CLINICAL INVESTIGATOR AWARD PROGRAM
1K07 NS00654-01A1	MARTUZA, ROBERT L	NEUROFIBROMATOSIS: CELLULAR FEATURES, HORMONAL CONTROLS
INSTITUTION TOTAL	3	
TUFTS UNIVERSITY		
1K04 HD00485-01	DAMASSA, DAVID A	ADRENAL-GONADAL INTERACTIONS IN LH/FSH REGULATION
1K04 AI00527-01	HUBER, BRIGITTE T	B CELL DIFFERENTIATION ANTIGENS: FUNCTION AND STRUCTURE
INSTITUTION TOTAL	2	
CITY TOTAL	13	
STATE TOTAL	13	
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1K04 CA00845-01	WILSON, BARRY S	MONOCLONAL ANTIBODIES TO MELANOMA-ASSOCIATED ANTIGENS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1K04 AM01099-01	BARANY, GEORGE	NEW MILD PROTECTION STRATEGIES FOR PEPTIDE SYNTHESIS
1K08 AM00989-01	FILIPOVICH, ALEXANDRA H	THE STUDY OF HEMATOPOIETIC AND IMMUNOPOIETIC CELLS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1K01 AG00151-01A1	HOOGWERF, BYRON J	SERCA-DIABETES MELLITUS IN THE ELDERLY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
MISSOURI		
COLUMBIA		
UNIVERSITY OF MISSOURI-COLUMBIA		
1K04 HD00492-01	THELEN, ESTHER	DEVELOPMENTAL ORIGINS OF MOTOR CONTROL
INSTITUTION TOTAL	1	
CITY TOTAL	1	
SAINT LOUIS		
ST. LOUIS UNIVERSITY		
1K04 HL01097-01	CHAPNICK, BARRY M	REGIONAL VASCULAR CONTROL MECHANISMS
INSTITUTION TOTAL	1	
WASHINGTON UNIVERSITY		
1K04 HL01079-01	TOLLEFSEN, DOUGLAS M	NEW HEPARIN-DEPENDENT PROTEASE INHIBITOR IN HUMAN PLASMA
INSTITUTION TOTAL	1	
CITY TOTAL	2	
STATE TOTAL	3	
NEW HAMPSHIRE		
HANOVER		
DARTMOUTH COLLEGE		
1K04 HL01086-01	CHANG, TA-YUAN	REGULATION OF ENZYMES IN CHOLESTEROL BIOSYNTHESIS
1K08 AI00509-01	KASPER, LLOYD H	TOXOPLASMA GONDII--ANTIGENIC CHARACTERIZATION
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
NEW JERSEY		
NEW BRUNSWICK		
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK		
1K04 AM01071-01	LEVY, RONALD M	NMR RELAXATION AND DYNAMICS OF PEPTIDES AND PROTEINS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
NEW YORK		
ALBANY		
STATE UNIVERSITY OF NEW YORK AT ALBANY		
1K04 ES00117-01	SEEMAN, NADRIAN C	BIOPHYSICS OF RECOMBINATIONAL INTERMEDIATES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
BUFFALO		
STATE UNIVERSITY OF NEW YORK AT BUFFALO		
1K04 HL01074-01	RUSSELL, JAMES A	BEHAVIOR OF AIRWAY SMOOTH MUSCLE
1K04 HL00937-01A1	YEAGLE, PHILIP L	CHOLESTEROL-PROTEIN INTERACTIONS IN BLOOD
INSTITUTION TOTAL	2	
CITY TOTAL	2	
NEW YORK		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		
1K08 HL01037-01	LEWIS, WILLIAM	NHLBI CLINICAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	1	
COLUMBIA UNIVERSITY		
1K08 AM01090-01	CHASE, HERBERT S	REGULATION OF SODIUM TRANSPORT IN URINARY EPITHELIA
1K04 HD00477-01	RISCH, NEIL J	TOPICS IN GENETIC EPIDEMIOLOGY
INSTITUTION TOTAL	2	
CORNELL UNIVERSITY MEDICAL CENTER		
1K04 HL01090-01	HARSHFIELD, GREGORY A	THE INTERACTION BETWEEN HYPERTENSION AND BEHAVIOR
INSTITUTION TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
NEW YORK		
NEW YORK		
MONTEFIORE HOSPITAL AND MEDICAL CENTER		
1K01 AM01128-01	BAUMAN, WILLIAM A	TRANSPLACENTAL TRANSFER OF INSULIN BOUND TO ANTIBODY
INSTITUTION TOTAL	1	
NEW YORK UNIVERSITY		
1K08 AM00984-01A1	LIM, HENRY W	MECHANISM OF TISSUE DAMAGE IN PHOTOTOXICITY
INSTITUTION TOTAL	1	
YESHIVA UNIVERSITY		
1K04 HD00467-01	SCHWARTZ, GEORGE J	SOLUTE TRANSPORT BY THE MATURING KIDNEY
1K08 AM01094-01	ZERN, MARK A	MOLECULAR PROBES TO STUDY HEPATIC COLLAGEN SYNTHESIS
INSTITUTION TOTAL	2	
CITY TOTAL	8	
STATE TOTAL	11	
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1K04 AM00956-01	GAMMON, WALTER R	STUDIES ON IN VITRO MODEL OF BULLOUS PEMPHIGOID
1K07 NS00724-01	GREENWOOD, ROBERT S	SYNAPTIC MECHANISMS IN KINDLING
1K04 HD00475-01	LAWSON, EDWARD E	CONTROL OF BREATHING IN NEWBORNS
1K04 HL01096-01	LIGHT, KATHLEEN C	CARDIOVASCULAR & RENAL RESPONSES TO PSYCHOLOGICAL STRESS
INSTITUTION TOTAL	4	
CITY TOTAL	4	
DURHAM		
DUKE UNIVERSITY		
1K07 NS00730-01	MC COMB, RODNEY D	HUMAN MEDULLOBLASTOMA CELL SURFACE ANTIGENS
1K08 HL01027-01	STILES, GARY L	NHBLI CLINCIAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	6	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
OHIO		
CLEVELAND		
CASE WESTERN RESERVE UNIVERSITY		
1K04 HL01082-01	HASSID, AVIV I	PROSTAGLANDINS, PHOSPHOLIPIDS AND CYCLIC NUCLEOTIDES
1K04 HD00479-01	HOLLIS, BRUCE W	VITAMIN D REQUIREMENT: TERM & LOW BIRTH WEIGHT INFANTS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
TOLEDO		
MEDICAL COLLEGE OF OHIO AT TOLEDO		
1K04 AI00510-01	SAWICKI, DOROTHEA L	REGULATION OF ALPHAVIRUS TRANSCRIPTION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
OREGON		
PORTLAND		
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY		
1K04 AM00954-01	HARE, JAMES F	METABOLIC PROPERTIES OF MITOCHONDRIAL PROTEINS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
PENNSYLVANIA		
PHILADELPHIA		
UNIVERSITY OF PENNSYLVANIA		
1K07 NS00717-01	GONZALEZ-SCARANO, FRANCISCO	BUNYAVIRUS ENCEPHALITIS
1K04 HL01092-01	KAPLAN, JACK H	STUDIES ON THE SODIUM PUMP USING CAGED SUBSTRATES
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
SOUTH CAROLINA		
CHARLESTON		
MEDICAL UNIVERSITY OF SOUTH CAROLINA		
1K04 CA00611-01A2	GALBRAITH, ROBERT M	IMMUNOBIOLOGY OF MEMBRANE: SERUM PROTEIN INTERACTIONS

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
SOUTH CAROLINA		
CHARLESTON		
MEDICAL UNIVERSITY OF SOUTH CAROLINA		
1K04 HD00450-01	MATHUR, SUBBI	IMMUNITY TO SPERM IN INFERTILITY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
TENNESSEE		
NASHVILLE		
VANDERBILT UNIVERSITY		
1K04 HL00852-01A1	KRONENBERG, MARVIN W	EVALUATION OF LV SYSTOLIC PERFORMANCE
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TEXAS		
GALVESTON		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON		
1K04 CA00854-01	TOWNSEND, COURTNEY	SURGICAL STUDIES OF GI HORMONE EFFECTS ON TUMOR GROWTH
INSTITUTION TOTAL	1	
CITY TOTAL	1	
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1K04 HL01020-01	GILBERT, HIRAM F	REDOX CONTROL OF HMG-COA REDUCTASE ACTIVITY
1K08 AI00519-01	HUSTON, DAVID P	REGULATION OF MURINE CTL RESPONSES
INSTITUTION TOTAL	2	
CITY TOTAL	2	
LUBBOCK		
TEXAS TECH UNIVERSITY		
1K04 HL01023-01	ROBERTS, LOU A	SINOATRIAL NODE: CELLULAR AND SYSTEM FUNCTION
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
TEXAS		
SAN ANTONIO		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO		
1K04 AI00557-01	EISENSTEIN, BARRY I	E. COLI FIBRIAE: STRUCTURE-FUNCTION AND REGULATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	5	
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1K04 AM01057-01	MADDOX, DAVID A	TUBULAR FUNCTION IN THE REMNANT KIDNEY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
VIRGINIA		
CHARLOTTESVILLE		
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE		
1K04 HL01128-01	GUYENET, PATRICE G	BULBOSPINAL CATECHOLAMINES AND SYMPATHETIC ACTIVITY
1K08 AI00517-01	SCHELD, W MICHAEL	PATHOPHYSIOLOGIC MECHANISMS IN BACTERIAL MENINGITIS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
1K04 DE00108-01	SCHENKEIN, HARVEY A	THE ROLE OF COMPLEMENT IN PERIODONTAL DISEASES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
WASHINGTON		
PULLMAN		
WASHINGTON STATE UNIVERSITY		
1K04 ES00110-01	SMERDON, MICHAEL J	REPAIR OF CARCINOGEN-DAMAGED DNA IN HUMAN CELLS
INSTITUTION TOTAL	1	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CITY TOTAL	1	
WASHINGTON		
SEATTLE		
UNIVERSITY OF WASHINGTON		
1K04 HL01014-01	ROBERTSON, HOWARD T, II	PULMONARY GAS EXCHANGE: GAS PHASE DIFFUSION LIMITATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1K04 NS00719-01	GANETZKY, BARRY S	NEUROGENETICS OF BEHAVIOR MUTANTS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
MILWAUKEE		
MEDICAL COLLEGE OF WISCONSIN		
1K04 HL00959-01A1	KOSTREVA, DAVID R	NEURAL CONTROL OF THE CIRCULATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
TOTAL	107	

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL		PURPOSE OF GRANT	DOLLA AWARD
MASSACHUSETTS				
BOSTON				
NEW ENGLAND MEDICAL CENTER HOSPITAL				
1C06 EY04061-01	SCHWARTZ, BERNARD		EYE RESEARCH FACILITY CONSTRUCTION	400,0
INSTITUTION TOTAL	1	400,000		
CITY TOTAL	1	400,000		
STATE TOTAL	1	400,000		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1C06 EY04048-01	LICHTER, PAUL R		EYE RESEARCH FACILITY CONSTRUCTION	34,0
INSTITUTION TOTAL	1	34,000		
CITY TOTAL	1	34,000		
STATE TOTAL	1	34,000		
TOTAL	2	434,000		

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLAR AWARDE
CALIFORNIA			
RIVERSIDE			
PARKVIEW COMMUNITY HOSPITAL			
1G07 LM04009-01	MARCHAL, BARBARA	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,00
INSTITUTION TOTAL	1	4,000	
CITY TOTAL	1	4,000	
STATE TOTAL	1	4,000	
MAINE			
LEWISTON			
CENTRAL MAINE MEDICAL CENTER			
1G07 LM03989-01	GENETTI, RAYNNA B	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	44,54
INSTITUTION TOTAL	1	44,546	
CITY TOTAL	1	44,546	
STATE TOTAL	1	44,546	
NEW YORK			
SCHENECTADY			
ELLIS HOSPITAL			
1G08 LM03254-01A2	DRALLE, DOROTHY A	SAVE AUDIO-VISUAL CONSORTIUM	56,12
INSTITUTION TOTAL	1	56,125	
CITY TOTAL	1	56,125	
STATE TOTAL	1	56,125	
OREGON			
BEND			
CENTRAL OREGON COMMUNITY COLLEGE			
1G07 LM03976-01	MASON, MARGARET C	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	16,81
INSTITUTION TOTAL	1	16,815	
CITY TOTAL	1	16,815	
STATE TOTAL	1	16,815	
WEST VIRGINIA			
GRANTSVILLE			
CALHOUN GENERAL HOSPITAL			
1G07 LM03839-01A1	ENGELKE, NANCY	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,00

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLL AWAR
INSTITUTION TOTAL	1	4,000		
CITY TOTAL	1	4,000		
WEST VIRGINIA				
HUNTINGTON				
MARSHALL UNIVERSITY				
1G08 LM04006-01	HOWARD, ANNA L		COOPERATIVE BINDING RESOURCE PROJECT	1,
INSTITUTION TOTAL	1	1,409		
CITY TOTAL	1	1,409		
STATE TOTAL	2	5,409		
TOTAL	6	126,895		

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1U10 CA34417-01	HOLMES, E CARMACK		ADJUVANT TRIALS IN NON OAT-CELL LUNG CANCER	34,351
INSTITUTION TOTAL	1	34,351		
CITY TOTAL	1	34,351		
STATE TOTAL	1	34,351		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1U10 CA34210-01	LIVSTONE, ELLIOT M		TREATMENT OF PANCREATIC AND GASTRIC CANCER PATIENTS	55,000
INSTITUTION TOTAL	1	55,000		
CITY TOTAL	1	55,000		
STATE TOTAL	1	55,000		
FLORIDA				
MIAMI				
UNIVERSITY OF MIAMI				
1U10 CA34169-01	KALSER, MARTIN H		THERAPY OF PATIENTS WITH GASTRIC & PANCREATIC CARCINOMA	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
STATE TOTAL	1	50,000		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
1U10 CA34515-01	NIXON, DANIEL W		NUTRITIONAL ASSESSMENT OF CANCER PATIENTS	38,505
INSTITUTION TOTAL	1	38,505		
CITY TOTAL	1	38,505		
STATE TOTAL	1	38,505		
HAWAII				
HONOLULU				
HAWAII MEDICAL ASSOCIATION				
1U10 CA34600-01	HO, REGINALD C		ADJUVANT THERAPY OF COLON CANCER WITH LIVER RADIATION	21,973

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COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	21,973	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1U10 CA32734-01	OISHI, NOBORU	SOUTHWEST ONCOLOGY GROUP STUDIES	17,628
INSTITUTION TOTAL	1	17,628	
CITY TOTAL	2	39,601	
STATE TOTAL	2	39,601	
ILLINOIS			
CHICAGO			
ILLINOIS CANCER COUNCIL			
1U10 CA34431-01	THOMAS, PAUL A	ILLINOIS CANCER COUNCIL--LUNG CANCER STUDY GROUP	71,768
INSTITUTION TOTAL	1	71,768	
UNIVERSITY OF CHICAGO			
1U10 CA34307-01	LEVIN, BERNARD	THERAPY OF PATIENTS WITH GASTRIC & PANCREATIC CARCINOMA	40,000
INSTITUTION TOTAL	1	40,000	
CITY TOTAL	2	111,768	
STATE TOTAL	2	111,768	
MARYLAND			
BALTIMORE			
MID-ATLANTIC ONCOLOGY PROGRAM			
1U10 CA33075-01	SCHEIN, PHILIP S	SUPPORT FOR MID-ATLANTIC ONCOLOGY PROGRAM	300,000
INSTITUTION TOTAL	1	300,000	
CITY TOTAL	1	300,000	
STATE TOTAL	1	300,000	
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
1U10 CA34168-01	LEICHMAN, LAWRENCE P	THERAPY OF PATIENTS WITH GASTRIC AND PANCREATIC CANCER	43,204
INSTITUTION TOTAL	1	43,204	

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COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	43,204	
STATE TOTAL	1	43,204	
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
1U10 CA34418-01	EAGAN, R T	ADJUVANT TRIALS IN NON OAT-CELL LUNG CANCER	52,360
INSTITUTION TOTAL	1	52,360	
CITY TOTAL	1	52,360	
STATE TOTAL	1	52,360	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
1U10 CA34184-01	DOUGLASS, HAROLD O	THERAPY OF PATIENTS WITH GASTRIC & PANCREATIC CARCINOMA	31,683
INSTITUTION TOTAL	1	31,683	
CITY TOTAL	1	31,683	
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1U10 CA34182-01	BRUCKNER, HOWARD W	THERAPY OF PATIENTS WITH GASTRIC & PANCREATIC CARCINOMA	38,373
INSTITUTION TOTAL	1	38,373	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1U10 CA34430-01	DALY, JOHN M	NUTRITIONAL ASSESSMENT OF CANCER PATIENTS	81,666
INSTITUTION TOTAL	1	81,666	
CITY TOTAL	2	120,039	
STATE TOTAL	3	151,722	
NORTH CAROLINA			
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
1U10 CA33499-01	SPURR, CHARLES L	REGIONAL COLLABORATIVE PROGRAM - POA BGSM	599,010
INSTITUTION TOTAL	1	599,010	
CITY TOTAL	1	599,010	

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COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	599,010	
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1U10 CA34503-01	MOUNTAIN, CLIFTON F	ADJUVANT TRIALS IN RESECTABLE NON-OAT CELL LUNG CANCER	23,466
INSTITUTION TOTAL	1	23,466	
CITY TOTAL	1	23,466	
STATE TOTAL	1	23,466	
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1U10 CA34408-01	HILL, LUCIUS D	LUNG CANCER STUDY GROUP	83,187
INSTITUTION TOTAL	1	83,187	
CITY TOTAL	1	83,187	
STATE TOTAL	1	83,187	
CANADA			
MONTREAL			
MC GILL UNIVERSITY			
1U10 CA31809-01	HUTCHISON, J LAWRENCE	CALGB COLLABORATIVE STUDIES ON CANCER PATIENTS	15,896
INSTITUTION TOTAL	1	15,896	
CITY TOTAL	1	15,896	
TORONTO			
ONTARIO CANCER INSTITUTE			
1U10 CA34458-01	FELD, RONALD	ADJUVANT TRIALS IN RESECTABLE NON-OAT CELL LUNG CANCER	107,044
INSTITUTION TOTAL	1	107,044	
TORONTO GENERAL HOSPITAL			
1U10 CA34748-01	JEEJEEBHOY, KHURSHEED N	NUTRITIONAL ASSESSMENT OF CANCER PATIENTS	80,208
INSTITUTION TOTAL	1	80,208	
CITY TOTAL	2	187,252	
STATE TOTAL	3	203,148	

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FRANCE				
LYON				
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER				
1U01 CA33193-01	WILBOURN, JULIAN D		EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO HUMANS	446,300
INSTITUTION TOTAL	1	446,300		
CITY TOTAL	1	446,300		
STATE TOTAL	1	446,300		
TOTAL	21	2,231,622		

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